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ABSTRACT

This publication is intended to take raw data on the labor market and educational and demographic trends in Australia and convert them to useful information for those who work in the areas of education and employment. It contains over 130 tables of data on education and labor market trends throughout Australia; a case study of participation in nonformal adult education by the Australian Bureau of Statistics; and an essay by R. Sweet entitled "Understanding Your Local Labour Market," which examines the availability of labor statistics vis a vis sources and degrees of detail. Most of the data presented are time series data from August 1978 to August 1985 that were originally obtained from the Australian Bureau of Statistics Labour Force Survey; most of the tables are broken down by state and have separate table sets for males and females, and additional table sets are indexed to 1978. The tables have been grouped according to the following topics: total persons in full- and part-time employment, age and the job market with respect to employment-to-population ratios and unemployment rates, employment in selected occupations and industries, school participation ratios, and Technical and Further Education (TAFE) enrollments by stream of study. (MN)

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TAFE

TAFE NATIONAL CENTRE FOR RESEARCH AND DEVELOPMENT

EDUCATION AND LABOUR FORCE TRENDS

1986

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EDUCATION AND LABOUR FORCE TRENDS

A TAFE DATA BASE

April 1986

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296 Payneham Road, Payneham,
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Prepared by:
Centre for Research in Education
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Richard Sweet
Denis Davis
Poppy Peris

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FOREWORD

This publication has its origin in a conference on external information needed by TAFE held at the TAFE National Centre for Research and Development in October 1983. At the conference, representatives of TAFE authorities expressed concern that available labour market, social and demographic information was frequently not readily accessible to TAFE personnel.

Several problems were raised. TAFE staff, particularly those who are college based, often lacked either the specialised knowledge of data sources, or the time to consult them to obtain the external information which they required. Much of the detailed data were difficult to access, as they were frequently only available in forms such as matrix tape or microfiche. The data were invariably in raw form and required elementary analyses (for example index numbers) to make it relevant.

CONTENTS OF THE BULLETIN

Education and Labour Force Trends is an attempt to take raw data on the labour market and on educational and demographic trends and convert them to useful information for those who work in the areas of education and employment.

This publication contains mainly time series data from August 1978 to August 1985, from the Australian Bureau of Statistics Labour Force Survey. Data for this Survey are obtained from interviews conducted monthly at about 33,000 dwellings in Australia. August was chosen as the month least likely to be affected by unusual labour force features (school leavers, etc.), and 1978 was chosen as the appropriate base year because it was in this year that the ABS obtained survey estimates by using a new sample and a revised questionnaire. This was done to provide more accurate and detailed information concerning the labour force. To have chosen any earlier year as a base year would have meant that complete comparability of estimates would not have been possible.

In keeping with ABS procedure all estimates presented in tables have been rounded to the nearest hundred, and suppressed if they are subject to sampling variability too high for most practical purposes. This is to ensure that unreliable estimates are not presented. This will of course be more of a problem with estimates from the smaller States where the sample sizes are not as large.

The publication is intended neither to report the results of original data collections nor to repeat primary data which are readily available elsewhere, such as aggregate national unemployment rates. It will have two main sections; Labour Market Trends and Case Studies.

LABOUR MARKET TRENDS

The first section contains a set of age and sex trend data on employment and unemployment disaggregated to the State level, as well as information, again at the State level, on trends in employment by industry and by occupation. Also included in the first section is information on school participation rates. It is intended to update each of these elements annually.

The information in this section has been derived from a large body of normally unpublished data from the Australian Bureau of Statistics (ABS) Labour Force Survey (Cat.No.6203.0).

Each of these series has been shown at the State level in response to increasingly frequent calls for labour market data at regional level. The sheer volume of information prevents the reporting of local level trends in this publication.

Two conventions have been adopted in reporting aggregate employment and unemployment data. The first of these is to index all trends to a base of August 1978. The second is to report results in four age groups - "teenagers" (15 to 19), "young adults" (20 to 24), "prime age" (24 to 44) and "older workers" (45 years and over). In particular the regular reporting of information about the latter two groups will provide a labour market perspective that is not normally given in publications which concentrate upon youth.

The unemployment rate is the most widely reported and used indicator of conditions in the labour force. This publication also reports a less frequently used labour force indicator - the employment to population ratio. This is a measure of the percentage of a given group of the population who are employed. It differs from another labour force indicator, the participation rate, in focusing on the employed population rather than simply the total labour force (employed plus unemployed persons).

SCHOOL PARTICIPATION

The inclusion of information on school participation rates from the ABS Labour Force Survey stems both from the widespread current interest in educational participation and from the lack of more timely information from the Commonwealth Department of Education publication Statistical Monograph No. 3 which is generally one to two years out of date at any given time.

School participation rates derived from the ABS Labour Force Survey are consistently higher than those given by the Commonwealth Department of Education when care is taken to base estimates upon identical months.

Superficially the difference could be attributed to methodology. The Labour Force rates are derived from a sample and the Commonwealth Department of Education figures from a complete census, and the two estimates use different measures of the population size to calculate percentage participation once total enrolments have been estimated.

However the effect of these factors is fairly trivial. The difference between the two appears to stem primarily from reporting errors - the Department of Education figures are derived from a count by schools of those enrolled in school courses, while the Labour Force figures are derived from youth themselves (or their parents) being asked whether or not they are attending school. This leads to two possibilities. On the one hand those attending school but enrolled in TAFE courses might not be counted in the school census, but such teenagers would generally regard themselves, or be regarded by their parents, as being school students when asked by ABS staff in the household survey upon which the Labour Force survey is based.

On the other hand those who are studying school courses, or courses which are very similar to school courses, in TAFE colleges, might in many instances regard themselves as attending school when asked in a household survey, but might not be counted in a school census which excludes TAFE institutions.

The difference between the two measures highlights the complexities involved in measuring educational participation.

TAFE STATISTICS

TAFE statistics on enrolments by Stream and State for the period 1978-1984 are included. Since preliminary data for 1985 enrolments are not expected to be released till June/July, it was not possible to update Section 21 of this Bulletin.

INDUSTRIAL & OCCUPATIONAL GROUPS

Information is presented on employment trends for selected industrial and occupational groups, disaggregated to the State level. The criterion for inclusion is that, for each sex, the total number of persons employed in each group is at least 1% of the State total employed population.

CASE STUDIES

The second major section of this publication presents case studies on aspects of the labour market, education and training based upon statistical series and data sources which appear either regularly but infrequently or irregularly. Examples include apprenticeship statistics, higher education graduation data; certain data on labour force and education characteristics

which appear on an annual basis only; and analyses of census data which appear only once every five years. It is also hoped to include in this section case studies of the occupation and industry structure of particular regions.

In this issue we include a contribution by the Adelaide office of the Australian Bureau of Statistics on 'Participation in Non-formal Adult Education, which discusses the results of a survey conducted by the ABS in December 1984, in South Australia. The aim of this survey was to determine some of the demographic characteristics and motivational factors for study of people undertaking courses of this nature and to investigate the number and type of courses provided by the various educational organizations.

Also included is a paper by Richard Sweet on 'Understanding Your Local Labour Market', in which he examines the availability of labour statistics viz. sources and degree of detail. Apart from giving some insight into the differences between various collections of labour statistics, he also discusses the benefits and limitations of regional statistics and the consequential implications for policy planners.

DEFINITIONS

1. The labour force category to which people are assigned depends on their actual activity (i.e. whether working, looking for work, etc.) during the survey week.

Employed persons comprise all those aged 15 and over who, during the survey week:

(a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or

(b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); and

(c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or

(d) were employers or self-employed persons who had a job, business or farm, but were not at work.

2. The employment to population ratio is the percentage of the civilian population, of a given age and sex, who are in employment. Separate employment to population ratios are given for full-time employment for part-time employment, and for total employment (the sum of these two).

3. Unemployed persons are those aged 15 and over who were not employed during the survey week, and:

(a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:

(i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or

(ii) were waiting to start a job within four weeks from the end of the survey week and would have started in the survey week of the job had been available then:

or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the suvey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

4. The unemployment rate for any group is the number unemployed expressed as a percentage of the labour force in the same group.

5. The labour force comprises all persons who, during the survey week, were employed or unemployed, as defined above.

6. Full-time workers are those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the survey week.

7. Part-time workers are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

10. TOTAL PERSONS IN FULL-TIME AND PART-TIME EMPLOYMENT.

BY STATE, 1978 -1985.*

TABLES

Table 10.1	Males in Full-time Employment	(numbers)
Table 10.2	Males in Part-time Employment	(numbers)
Table 10.3	Males in Full-time Employment	(indexed)
Table 10.4	Males in Part-time Employment	(indexed)
Table 10.5	Females in Full-time Employment	(numbers)
Table 10.6	Females in Part-time Employment	(numbers)
Table 10.7	Females in Full-time Employment	(indexed)
Table 10.8	Females in Part-time Employment	(indexed)

* Estimates for August of each year.

Source A.B.S. "The Labour Force, Australia." (unpublished data)

Table 10.1 MALES IN FULL-TIME EMPLOYMENT.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	1270.0	1305.9	1334.4	1351.7	1327.4	1253.7	1298.5	1313.3
VIC	982.3	994.8	1002.4	1015.5	1001.4	973.9	1004.1	1027.8
QLD	550.3	568.2	579.2	601.0	599.4	588.9	599.5	605.5
SA	329.8	328.9	330.3	332.7	321.9	317.8	325.0	324.1
WA	318.2	323.8	332.9	337.3	339.4	335.9	346.3	358.1
TAS	107.1	108.2	109.1	106.7	104.0	101.4	102.3	106.7
NT	30.2	32.2	30.1	34.8	34.7	35.6	31.3	39.2
ACT	53.8	54.0	55.4	55.8	54.4	56.2	60.3	61.3
AUST	3641.7	3715.9	3773.8	3835.6	3782.5	3663.4	3767.3	3836.0

Table 10.2 MALES IN PART-TIME EMPLOYMENT.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	75.1	78.2	74.9	80.7	86.1	87.1	88.1	84.4
VIC	62.8	53.4	58.8	60.9	66.4	65.3	65.8	67.0
QLD	24.5	26.6	28.8	29.7	37.3	35.3	37.1	44.8
SA	19.6	19.8	17.4	17.8	20.8	17.6	20.2	21.6
WA	16.9	17.3	18.5	19.7	21.0	22.8	23.2	23.1
TAS	4.2	3.7	3.5	5.0	4.9	5.9	4.8	5.7
NT	2.1	2.4	3.8	4.5	*	*	2.0	*
ACT	3.3	3.7	3.4	3.9	3.9	4.8	3.9	5.0
AUST	208.6	205.2	209.0	222.3	241.9	240.2	245.1	253.0

* Subject to sampling variability too high for most practical uses.

Table 10.3 MALES IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	102.8	105.1	106.4	104.5	98.7	102.2	103.4
VIC	100.0	101.3	102.0	103.4	101.9	99.1	102.2	104.6
QLD	100.0	103.2	105.2	109.2	108.9	107.0	108.9	110.0
SA	100.0	99.7	100.1	100.9	97.6	96.4	98.5	98.3
WA	100.0	101.7	104.6	106.0	106.7	105.6	108.8	112.6
TAS	100.0	101.0	101.9	99.6	97.1	94.7	95.5	99.6
NT	100.0	106.5	99.6	115.3	114.7	117.8	103.6	129.5
ACT	100.0	100.4	103.0	103.8	101.2	104.5	112.2	114.0
AUST	100.0	102.0	103.6	105.3	103.9	100.6	103.5	105.3

Table 10.4 MALES IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	104.1	99.8	107.5	114.7	116.0	117.4	112.5
VIC	100.0	85.1	93.6	97.0	105.7	104.0	104.7	106.3
QLD	100.0	108.5	117.3	121.2	152.0	143.8	151.1	182.7
SA	100.0	101.0	88.9	91.0	105.9	89.6	102.8	110.0
WA	100.0	102.8	109.4	116.7	124.5	135.0	137.7	136.9
TAS	100.0	87.9	82.1	117.7	115.0	138.4	112.3	133.9
NT	100.0	115.7	182.6	215.0	*	*	96.0	*
ACT	100.0	109.9	101.6	117.3	115.9	143.9	117.2	149.0
AUST	100.0	98.4	100.2	106.6	116.0	115.2	117.5	121.3

* Subject to sampling variability too high for most practical uses.

Table 10.5 FEMALES IN FULL-TIME EMPLOYMENT.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	513.1	495.4	535.6	527.3	533.7	525.0	561.9	570.4
VIC	394.7	394.9	414.6	438.6	424.3	411.3	416.4	440.0
QLD	191.3	204.5	209.9	214.3	224.9	226.3	234.3	237.6
SA	121.9	118.9	123.5	125.4	123.4	116.5	120.5	128.0
WA	111.0	110.7	115.5	118.7	121.5	124.9	135.7	135.2
TAS	33.2	37.4	37.4	36.4	34.6	34.1	34.5	39.2
NT	10.3	10.4	12.4	12.8	14.8	17.6	13.8	17.6
ACT	27.8	25.1	28.5	28.0	26.3	31.1	30.4	35.2
AUST	1403.3	1397.2	1477.3	1501.5	1503.4	1486.9	1547.5	1603.2

Table 10.6 FEMALES IN PART-TIME EMPLOYMENT.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	244.5	248.1	261.4	280.4	279.8	275.0	299.6	299.4
VIC	198.9	205.0	227.3	206.0	224.9	224.7	236.7	250.9
QLD	115.4	107.2	124.4	133.8	126.5	129.9	135.1	157.5
SA	82.0	81.2	78.7	81.9	83.9	86.0	93.1	94.8
WA	73.2	78.4	87.7	86.9	91.2	90.8	88.4	100.9
TAS	21.2	23.6	22.5	23.6	23.5	23.5	24.9	25.7
NT	3.9	4.1	6.7	6.9	7.3	4.9	6.7	6.2
ACT	12.1	12.7	12.6	14.9	14.4	15.8	18.0	18.6
AUST	751.1	760.2	821.2	834.3	851.6	850.5	902.4	953.9

Table 10.7 FEMALES IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	96.6	104.4	102.8	104.0	102.3	109.5	111.2
VIC	100.0	100.1	105.0	111.1	107.5	104.2	105.5	111.5
QLD	100.0	106.9	109.7	112.0	117.5	118.3	122.5	124.2
SA	100.0	97.5	101.3	102.9	101.2	95.6	98.8	105.0
WA	100.0	99.7	104.1	107.0	109.5	112.5	122.3	121.8
TAS	100.0	112.5	112.6	109.6	104.2	102.6	103.6	118.0
NT	100.0	100.9	120.5	124.4	143.9	171.7	134.3	171.0
ACT	100.0	90.3	102.4	100.4	94.6	111.8	109.2	126.2
AUST	100.0	99.6	105.3	107.0	107.1	106.0	110.3	114.2

Table 10.8 FEMALES IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	101.5	106.9	114.7	114.3	112.8	122.5	122.5
VIC	100.0	103.1	114.3	103.5	113.1	113.0	119.0	126.1
QLD	100.0	92.9	107.8	116.0	109.7	112.6	117.1	136.5
SA	100.0	99.0	96.0	99.8	102.4	104.9	113.5	115.6
WA	100.0	107.2	119.9	118.8	124.6	124.2	120.8	137.9
TAS	100.0	111.1	105.9	111.1	110.9	110.7	117.5	121.1
NT	100.0	105.7	173.2	179.1	189.2	126.8	173.0	161.4
ACT	100.0	104.5	103.7	122.9	119.2	130.2	148.3	153.2
AUST	100.0	101.2	109.3	111.1	113.4	113.2	120.1	127.0

AGE AND THE JOB MARKET - EMPLOYMENT TO POPULATION RATIO.

11. PERSONS AGED 15-19 YEARS IN FULL-TIME, PART-TIME* AND TOTAL EMPLOYMENT, BY STATE, 1978 - 1985.

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* Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia." (unpublished data)

Table 11.1 EMPLOYMENT TO POPULATION RATIO
MALES AGED 15-19 YRS IN FULL-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	38.6	40.6	43.2	45.2	42.9	33.0	35.3	35.2
VIC	38.9	42.1	40.8	40.4	37.1	32.6	34.6	31.9
QLD	51.1	52.2	51.1	53.8	46.8	41.5	37.3	37.3
SA	44.0	40.6	43.5	42.7	39.3	34.5	37.8	39.7
WA	47.0	47.5	45.9	48.6	44.6	35.7	38.3	39.5
TAS	52.8	52.9	47.3	41.8	48.4	34.3	36.9	40.3
NT	44.4	48.4	*	45.2	41.2	40.4	35.3	35.9
ACT	22.3	31.3	35.0	25.7	*	*	26.9	23.6
AUST	42.1	43.7	44.0	45.0	41.6	34.6	35.8	35.4

Table 11.2 EMPLOYMENT TO POPULATION RATIO
MALES AGED 15-19 YRS IN PART-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	7.8	9.7	9.1	9.6	9.7	10.2	9.9	10.8
VIC	12.1	8.5	10.6	11.4	12.3	10.8	11.8	10.8
QLD	7.0	6.9	9.5	8.2	10.8	10.5	9.2	12.0
SA	8.5	9.8	9.6	8.8	10.6	8.2	9.3	10.5
WA	8.1	7.3	9.4	9.8	9.7	10.8	10.2	13.3
TAS	*	*	*	6.7	5.9	5.9	*	8.7
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	14.1	16.6
AUST	8.9	8.7	9.6	9.9	10.7	10.3	10.2	11.2

Table 11.3 EMPLOYMENT TO POPULATION RATIO
MALES AGED 15-19 YRS IN TOTAL EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	46.4	50.2	52.2	54.7	52.6	43.2	45.2	46.0
VIC	51.0	50.6	51.4	51.7	49.4	43.5	46.4	42.7
QLD	58.1	59.2	60.5	62.0	57.6	52.0	46.5	49.3
SA	52.5	50.4	53.1	51.5	49.9	42.7	47.2	50.2
WA	55.2	54.8	55.3	58.4	54.3	46.6	48.5	52.8
TAS	55.1	57.3	51.4	48.5	54.3	40.2	40.2	49.0
NT	60.0	70.6	49.9	66.9	52.2	50.0	45.7	45.9
ACT	37.0	44.4	49.8	45.7	35.9	39.0	41.0	40.2
AUST	51.0	52.4	53.6	54.9	52.3	44.9	46.0	46.6

* Subject to sampling variability too high for most practical uses.

Table 11.4 EMPLOYMENT TO POPULATION RATIO MALES AGED 15-19 YRS IN FULL-TIME EMPLOYMENT.

(Index : 1978 =100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	105.1	112.0	117.1	111.2	85.5	91.4	91.3
VIC	100.0	108.1	104.8	103.7	95.5	83.8	88.9	82.1
QLD	100.0	102.1	99.9	105.2	91.5	81.2	72.9	72.9
SA	100.0	92.2	99.0	97.0	89.3	78.5	86.0	90.2
WA	100.0	100.9	97.5	103.4	94.9	76.0	81.3	84.0
TAS	100.0	100.2	89.6	79.2	91.7	65.0	69.8	76.3
NT	100.0	108.9	*	101.8	92.8	90.9	79.4	80.8
ACT	100.0	140.4	156.7	115.2	*	*	120.4	105.7
AUST	100.0	103.8	104.5	106.8	98.7	82.1	85.1	84.1

Table 11.5 EMPLOYMENT TO POPULATION RATIO MALES AGED 15-19 YRS IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	123.5	115.7	122.2	123.6	129.8	127.0	138.1
VIC	100.0	70.8	88.2	94.2	102.0	89.9	97.8	89.4
QLD	100.0	99.2	135.0	117.3	154.3	149.9	132.1	170.9
SA	100.0	115.9	113.2	104.4	125.1	96.2	110.0	123.6
WA	100.0	90.3	116.1	120.1	118.7	133.3	125.7	163.3
TAS	*	*	*	*	*	*	*	*
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	100.0	98.1	107.7	111.7	120.0	115.7	114.4	126.1

Table 11.6 EMPLOYMENT TO POPULATION RATIO MALES AGED 15-19 YRS IN TOTAL EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	108.2	112.6	118.0	113.3	93.0	97.4	99.2
VIC	100.0	99.3	100.9	101.5	97.0	85.3	91.1	83.8
QLD	100.0	101.8	104.1	106.6	99.1	89.5	80.0	84.7
SA	100.0	96.1	101.3	98.2	95.1	81.3	89.9	95.6
WA	100.0	99.3	100.3	105.9	98.4	84.4	87.9	95.7
TAS	100.0	104.0	93.2	88.0	98.6	72.9	72.9	88.8
NT	100.0	117.6	83.1	111.5	87.0	83.3	76.2	76.4
ACT	100.0	119.7	134.4	123.3	96.8	105.3	110.7	108.4
AUST	100.0	102.8	105.1	107.6	102.4	87.9	90.2	91.4

* Subject to sampling variability too high for most practical uses.

Table 11.7 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 15-19 YRS IN FULL-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	35.3	30.6	34.0	33.8	30.3	26.8	27.7	23.1
VIC	33.4	29.2	34.8	31.1	30.8	28.3	24.4	27.6
QLD	42.9	41.2	38.1	40.1	38.7	35.9	36.2	32.7
SA	38.0	34.2	34.1	34.3	31.7	28.4	31.3	28.4
WA	38.0	34.5	34.8	38.0	36.4	35.1	34.5	32.5
TAS	37.8	39.1	42.5	34.3	30.0	30.7	29.8	31.4
NT	*	*	*	*	*	*	*	*
ACT	24.1	*	28.8	25.7	23.6	26.6	16.9	17.0
AUST	36.4	32.7	35.2	34.4	32.3	29.7	29.0	29.4

Table 11.8 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 15-19 YRS IN PART-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	9.4	10.6	11.4	13.2	12.2	16.0	16.3	13.7
VIC	11.8	13.2	14.4	10.9	16.2	12.5	14.8	18.4
QLD	12.7	9.9	14.0	13.8	14.2	14.5	14.4	18.5
SA	13.6	10.8	14.6	13.8	17.1	16.9	18.7	21.1
WA	12.9	12.6	12.3	16.9	14.8	16.1	16.3	19.3
TAS	5.7	*	*	8.0	11.1	9.5	10.1	11.0
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	20.9	*	*	27.9	25.6
AUST	11.2	11.1	13.0	13.0	14.3	14.7	15.7	17.1

Table 11.9 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 15-19 YRS IN TOTAL EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	44.7	41.2	45.4	46.9	42.5	42.8	43.9	42.9
VIC	45.1	42.4	49.2	42.0	47.1	40.7	39.2	46.0
QLD	55.5	51.1	52.1	54.0	52.9	50.4	50.6	51.2
SA	51.6	45.0	48.7	48.1	48.8	45.3	50.0	49.5
WA	50.9	47.1	47.1	54.9	51.1	51.2	50.8	51.8
TAS	43.6	43.8	46.8	42.3	41.1	40.2	39.9	42.5
NT	41.2	41.7	56.1	37.8	*	*	*	40.3
ACT	41.1	24.8	49.5	46.7	37.6	45.1	44.8	42.5
AUST	47.6	43.8	48.1	47.4	46.6	44.4	44.7	46.5

* Subject to sampling variability too high for most practical uses.

Table 11.10 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 15-19 YRS IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	86.8	96.5	95.7	85.9	76.0	78.5	82.6
VIC	100.0	87.6	104.3	93.4	92.4	84.7	73.1	82.8
QLD	100.0	96.2	89.0	93.7	90.2	83.8	84.6	76.4
SA	100.0	90.0	89.9	90.4	83.6	74.9	82.3	74.8
WA	100.0	90.9	91.8	100.1	95.8	92.5	90.9	85.7
TAS	100.0	103.2	112.4	90.6	79.3	81.2	78.8	83.1
NT	*	*	*	*	*	*	*	*
ACT	100.0	*	119.5	106.9	98.2	110.5	70.2	70.4
AUST	100.0	89.8	96.7	94.6	88.9	81.6	79.7	80.8

Table 11.11 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 15-19 YRS IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	112.1	121.3	139.7	129.7	170.0	172.4	145.5
VIC	100.0	112.2	121.8	92.4	137.6	105.9	125.3	156.2
QLD	100.0	77.8	110.5	108.9	112.1	114.4	113.5	145.9
SA	100.0	79.5	107.0	101.1	125.3	123.7	137.4	154.7
WA	100.0	97.5	95.0	130.6	114.1	124.6	125.9	148.8
TAS	100.0	*	*	140.0	194.2	165.2	175.7	192.1
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	100.0	99.3	115.6	115.6	126.9	130.9	139.9	152.2

Table 11.12 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 15-19 YRS IN TOTAL EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	92.1	101.7	105.0	95.1	95.8	98.3	95.9
VIC	100.0	94.0	108.9	93.1	104.2	90.2	86.7	101.9
QLD	100.0	92.0	93.9	97.1	95.2	90.8	91.2	92.3
SA	100.0	87.2	94.5	93.2	94.6	87.8	96.8	95.9
WA	100.0	92.6	92.6	107.9	100.4	100.6	99.8	101.8
TAS	100.0	100.6	107.5	97.1	94.4	92.3	91.6	97.4
NT	100.0	101.1	136.2	91.7	*	*	*	97.8
ACT	100.0	60.3	120.3	113.5	91.5	109.6	109.0	103.4
AUST	100.0	92.0	101.1	99.5	97.8	93.2	93.9	97.6

* Subject to sampling variability too high for most practical uses.

AGE AND THE JOB MARKET - EMPLOYMENT TO POPULATION RATIO.

12. PERSONS AGED 20-24 YEARS IN FULL-TIME, PART-TIME AND TOTAL EMPLOYMENT, BY STATE, 1978 -1985.*

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Table 12.2 Males in Part-time Employment

Table 12.3 Males in Total Employment

Table 12.4 Males in Full-time Employment (indexed)

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Table 12.7 Females in Full-time Employment

Table 12.8 Females in Part-time Employment

Table 12.9 Females in Total Employment

Table 12.10 Females in Full-time Employment (indexed)

Table 12.11 Females in Part-time Employment (indexed)

Table 12.12 Females in Total Employment (indexed)

* Estimates for August of each year.

Source. A.B.S. " The Labour Force, Australia." (unpublished data)

Table 12.1 EMPLOYMENT TO POPULATION RATIO MALES AGED 20-24 YRS IN FULL-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	73.7	78.4	78.4	79.1	73.9	66.4	69.6	71.7
VIC	77.6	76.4	75.6	79.8	74.3	71.5	71.7	75.6
QLD	81.5	80.8	82.6	81.6	78.0	73.7	72.4	72.5
SA	75.6	75.5	76.7	76.3	73.3	68.9	73.0	72.1
WA	77.5	75.7	75.6	76.0	72.2	67.2	71.5	75.0
TAS	79.9	85.6	83.9	77.7	69.1	69.0	67.0	69.2
NT	75.1	89.7	81.3	93.2	75.3	69.0	50.7	84.8
ACT	70.4	67.6	77.8	73.4	70.7	76.1	80.3	62.3
AUST	76.6	77.9	78.1	79.2	74.3	69.4	71.0	73.1

Table 12.2 EMPLOYMENT TO POPULATION RATIO MALES AGED 20-24 YRS IN PART-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1984
NSW	6.4	5.6	5.8	4.5	4.9	5.4	6.3	5.1
VIC	4.7	5.0	5.8	5.3	5.0	4.1	5.3	4.5
QLD	2.4	3.9	2.1	3.4	4.3	*	5.5	7.1
SA	5.0	4.1	3.7	5.5	5.0	4.3	4.8	6.7
WA	4.7	*	*	4.2	7.4	5.9	6.3	5.0
TAS	*	*	*	*	*	*	*	*
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	5.1	4.7	4.7	4.5	4.9	4.7	5.6	5.4

Table 12.3 EMPLOYMENT TO POPULATION RATIO MALES AGED 20-24 YRS IN TOTAL EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	80.1	84.0	84.2	83.6	78.9	71.8	76.0	76.8
VIC	82.3	81.4	81.4	85.1	79.3	75.6	77.1	80.1
QLD	83.9	84.6	84.7	84.9	82.3	76.7	77.9	79.6
SA	80.6	79.6	80.4	81.8	78.3	73.1	77.8	78.9
WA	82.2	79.0	79.7	80.2	79.6	73.1	77.8	80.0
TAS	85.3	88.3	85.5	79.8	70.6	76.1	68.6	73.0
NT	85.0	89.7	91.2	98.0	75.3	72.8	54.7	86.6
ACT	77.2	75.9	81.6	75.9	77.3	83.8	85.6	73.6
AUST	81.7	82.6	82.8	83.7	79.3	74.1	76.6	78.5

* Subject to sampling variability too high for most practical uses.

Table 12.4 EMPLOYMENT TO POPULATION RATIO
MALES AGED 20-24 YRS IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	106.4	106.4	107.3	100.3	90.0	86.9	97.2
VIC	100.0	98.5	97.4	102.9	95.8	92.2	92.5	97.4
QLD	100.0	99.1	101.3	100.1	95.7	90.5	88.8	88.9
SA	100.0	99.8	101.4	100.8	96.9	91.0	96.5	95.4
WA	100.0	97.8	97.6	98.1	93.2	86.8	92.2	96.8
TAS	100.0	107.2	105.0	97.3	86.5	86.4	83.9	86.7
NT	100.0	119.4	108.2	124.1	100.2	91.8	67.5	112.8
ACT	100.0	96.4	110.4	104.3	100.5	108.1	114.1	88.5
AUST	100.0	101.7	101.9	103.3	97.0	90.7	92.7	95.4

Table 12.5 EMPLOYMENT TO POPULATION RATIO
MALES AGED 20-24 YRS IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	87.2	90.5	70.5	77.5	85.1	99.5	79.8
VIC	100.0	106.9	122.4	112.9	105.9	87.8	113.3	95.9
QLD	100.0	162.1	86.8	141.0	177.8	*	231.7	297.9
SA	100.0	82.5	74.5	110.3	100.7	85.4	96.5	134.6
WA	100.0	*	*	89.3	156.1	125.4	134.5	106.9
TAS	*	*	*	*	*	*	*	*
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	100.0	93.3	93.8	89.1	97.8	92.9	111.6	107.3

Table 12.6 EMPLOYMENT TO POPULATION RATIO
MALES AGED 20-24 YRS IN TOTAL EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	104.9	105.1	104.4	98.5	89.6	94.9	95.8
VIC	100.0	99.0	98.9	103.4	96.4	91.9	93.7	97.3
QLD	100.0	100.9	100.9	101.2	98.1	91.5	92.8	94.9
SA	100.0	98.7	99.7	101.4	97.1	90.7	96.5	97.8
WA	100.0	96.1	97.0	97.6	96.8	89.0	94.7	97.4
TAS	100.0	103.5	100.3	93.5	82.7	89.2	80.4	85.6
NT	100.0	105.6	107.3	115.3	88.6	85.6	64.2	101.9
ACT	100.0	98.3	105.7	98.2	100.1	108.5	110.9	95.3
AUST	100.0	101.2	101.4	102.5	97.1	90.8	93.8	96.2

* Subject to sampling variability too high for most practical uses.

Table 12.7 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 20-24 YRS IN FULL-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	50.8	53.9	53.5	54.1	52.7	52.0	54.7	55.2
VIC	56.4	59.5	55.7	58.9	56.5	55.3	53.6	58.9
QLD	43.4	53.4	50.6	47.5	51.9	51.5	49.9	50.2
SA	50.0	50.8	50.7	51.0	49.7	48.5	49.5	50.6
WA	48.7	47.6	46.7	45.1	44.8	48.5	52.3	52.5
TAS	44.8	47.0	51.9	45.4	42.3	47.6	41.8	49.0
NT	43.5	40.4	18.3	50.3	51.7	55.1	37.1	62.9
ACT	51.1	47.2	62.8	45.8	58.3	66.9	61.5	63.4
AUST	50.7	54.1	52.7	52.8	52.3	52.3	52.5	54.7

Table 12.8 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 20-24 YRS IN PART-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	8.3	9.6	11.8	10.3	11.2	10.4	10.2	10.4
VIC	8.7	8.6	11.1	11.9	11.2	9.9	13.6	9.7
QLD	12.6	7.7	12.4	13.4	10.2	10.4	11.8	12.3
SA	14.7	13.6	13.8	11.6	11.6	11.6	14.9	14.1
WA	9.7	10.8	12.3	13.8	14.6	10.5	10.6	12.4
TAS	10.5	9.8	11.7	9.6	9.5	11.5	10.7	15.9
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	9.8	9.6	11.9	11.7	11.5	10.4	11.8	11.1

Table 12.9 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 20-24 YRS IN TOTAL EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	59.1	63.5	65.2	64.4	63.9	62.4	64.9	65.1
VIC	65.1	68.1	66.8	70.8	67.7	65.2	67.2	68.6
QLD	56.1	61.2	63.0	60.9	62.0	61.8	61.7	62.5
SA	64.7	64.4	64.5	62.6	61.3	60.1	64.4	64.7
WA	58.3	58.4	58.9	58.9	59.4	59.0	62.9	64.9
TAS	55.3	56.8	63.7	55.0	51.8	59.1	52.5	64.9
NT	50.1	51.6	52.5	60.2	71.0	60.6	44.4	71.2
ACT	61.1	59.2	72.9	61.8	72.9	80.4	73.7	71.9
AUST	60.5	63.6	64.6	64.5	63.8	62.7	64.3	65.9

* Subject to sampling variability too high for most practical uses.

Table 12.10 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 20-24 YRS IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	106.2	105.2	106.5	103.7	102.3	107.7	108.6
VIC	100.0	105.5	98.8	104.5	100.1	98.0	94.9	104.3
QLD	100.0	123.0	116.5	109.4	119.4	118.5	114.9	115.5
SA	100.0	101.5	101.2	102.0	99.3	97.0	98.9	101.1
WA	100.0	97.8	95.9	92.8	92.0	99.6	107.4	107.9
TAS	100.0	105.0	116.0	101.4	94.6	106.3	93.3	109.5
NT	100.0	92.9	85.5	115.6	118.8	126.7	85.3	144.5
ACT	100.0	92.3	122.8	89.6	114.1	130.9	120.2	123.9
AUST	100.0	106.6	104.0	104.2	103.2	103.1	103.6	107.9

Table 12.11 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 20-24 YRS IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	116.3	142.4	125.1	136.3	126.2	123.3	125.5
VIC	100.0	98.8	127.7	136.7	129.3	114.2	156.7	111.9
QLD	100.0	61.3	98.0	105.8	80.4	82.1	93.7	97.6
SA	100.0	92.3	94.1	78.7	78.9	78.9	101.6	96.0
WA	100.0	112.2	126.8	142.6	151.6	108.5	109.9	127.9
TAS	100.0	93.5	111.9	91.5	90.1	109.8	102.1	151.6
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	100.0	97.4	121.3	119.0	116.9	106.0	120.3	113.2

Table 12.12 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 20-24 YRS IN TOTAL EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	107.6	110.4	109.1	108.3	105.6	109.9	110.9
VIC	100.0	104.6	102.7	108.8	104.0	100.2	103.2	105.3
QLD	100.0	109.1	112.4	108.6	110.6	110.3	110.1	111.5
SA	100.0	99.4	99.6	96.7	94.7	92.9	99.5	100.0
WA	100.0	100.2	101.0	101.0	101.8	101.1	107.8	111.2
TAS	100.0	102.8	115.2	99.5	93.7	106.9	95.0	117.5
NT	100.0	102.9	104.8	120.0	141.7	120.9	88.6	141.9
ACT	100.0	96.9	119.4	101.2	119.4	131.6	120.7	117.8
AUST	100.0	105.1	106.8	106.6	105.5	103.6	106.3	108.8

* Subject to sampling variability too high for most practical uses.

AGE AND THE JOB MARKET - EMPLOYMENT TO POPULATION RATIO.

13. PERSONS AGED 25-44 YEARS, IN FULL-TIME, PART-TIME* AND TOTAL EMPLOYMENT, BY STATE, 1978 - 1985.

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* Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia." (unpublished data)

Table 13.1 EMPLOYMENT TO POPULATION RATIO MALES AGED 25-44 YRS IN FULL-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	88.9	90.1	90.0	89.0	86.3	83.0	84.8	85.5
VIC	90.3	90.7	91.3	90.2	89.3	86.5	88.7	88.3
QLD	90.1	90.7	89.5	89.9	86.8	84.8	85.4	85.0
SA	89.0	90.1	89.8	88.8	87.0	86.6	86.2	85.3
WA	89.0	87.6	89.8	88.1	87.0	85.6	85.3	87.1
TAS	91.2	91.0	91.4	90.0	87.3	83.5	85.2	85.7
NT	90.8	91.2	84.4	86.0	84.4	86.5	76.0	88.0
ACT	94.8	91.8	93.0	91.9	90.4	89.2	91.5	91.1
AUST	89.7	90.2	90.3	89.4	87.4	84.9	86.1	86.4

Table 13.2 EMPLOYMENT TO POPULATION RATIO MALES AGED 25-44 YRS IN PART-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	3.1	2.8	2.3	3.2	3.7	3.4	3.1	2.6
VIC	2.9	2.1	2.1	2.7	3.0	3.0	2.2	2.6
QLD	2.1	2.5	2.3	1.9	3.1	2.9	3.1	3.1
SA	2.4	2.3	1.8	1.8	2.6	1.9	1.7	2.8
WA	2.1	2.8	2.8	2.8	2.9	2.8	2.8	2.8
TAS	1.9	2.1	*	2.1	3.0	3.1	3.2	2.3
NT	*	*	*	9.4	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	2.7	2.5	2.3	2.7	3.2	3.0	2.7	2.7

Table 13.3 EMPLOYMENT TO POPULATION RATIO MALES AGED 25-44 YRS IN TOTAL EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	92.0	92.9	92.3	92.2	90.0	86.4	87.9	88.0
VIC	93.2	92.8	93.3	92.8	92.3	89.5	90.8	91.0
QLD	92.1	93.2	91.8	91.8	90.0	87.7	88.5	88.1
SA	91.4	92.4	91.5	90.6	89.5	88.5	87.9	88.2
WA	91.1	90.4	92.6	90.9	89.9	88.4	88.0	90.0
TAS	93.0	93.1	92.7	92.2	90.4	86.6	88.4	87.9
NT	94.7	94.5	91.9	95.4	88.0	88.7	79.4	88.9
ACT	97.0	94.8	95.1	93.9	92.6	91.8	93.7	93.1
AUST	92.3	92.7	92.5	92.1	90.6	87.9	88.8	89.1

* Subject to sampling variability too high for most practical uses.

Table 13.4 EMPLOYMENT TO POPULATION RATIO MALES AGED 25-44 YRS IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	101.4	101.2	100.1	97.1	93.3	95.4	96.1
VIC	100.0	100.5	101.1	99.9	98.9	95.8	98.2	97.8
QLD	100.0	100.7	99.4	99.8	96.4	94.2	94.9	94.4
SA	100.0	101.3	100.8	99.8	97.7	97.3	96.8	95.9
WA	100.0	98.4	100.9	99.0	97.7	96.2	95.8	97.9
TAS	100.0	99.8	100.3	98.7	95.8	91.6	93.5	94.0
NT	100.0	100.4	93.0	94.7	93.0	95.3	83.7	96.9
ACT	100.0	96.8	98.2	96.9	95.4	94.1	96.5	96.1
AUST	100.0	100.6	100.7	99.7	97.4	94.7	96.0	96.4

Table 13.5 EMPLOYMENT TO POPULATION RATIO MALES AGED 25-44 YRS IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	89.9	75.4	102.8	119.6	110.6	99.9	83.4
VIC	100.0	72.3	71.2	92.9	103.9	105.5	75.7	91.5
QLD	100.0	121.5	112.8	90.5	152.5	138.4	148.3	149.7
SA	100.0	97.4	74.6	75.8	109.8	80.7	72.9	119.6
WA	100.0	131.6	128.7	132.5	134.8	131.1	129.9	132.0
TAS	100.0	114.4	*	114.6	163.2	165.1	171.1	120.1
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	100.0	93.2	84.2	100.8	119.3	111.7	100.1	99.8

Table 13.6 EMPLOYMENT TO POPULATION RATIO MALES AGED 25-44 YRS IN TOTAL EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	101.0	100.3	100.2	97.8	93.8	95.5	95.7
VIC	100.0	99.6	100.2	99.6	99.1	96.1	97.5	97.6
QLD	100.0	101.2	99.7	99.6	97.7	95.2	96.1	95.7
SA	100.0	101.2	100.2	99.1	98.0	96.9	96.2	96.5
WA	100.0	99.2	101.6	99.8	98.6	97.0	96.6	98.7
TAS	100.0	100.1	99.6	99.1	97.1	93.1	95.0	94.5
NT	100.0	99.8	97.0	100.7	92.8	93.6	83.8	93.9
ACT	100.0	97.8	98.0	96.8	95.5	94.7	96.6	96.1
AUST	100.0	100.4	100.2	99.7	98.1	95.2	96.1	96.5

* Subject to sampling variability too high for most practical uses.

Table 13.7 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 25-44 YRS IN FULL-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	31.3	30.1	32.0	31.2	31.8	31.2	33.6	33.7
VIC	31.1	30.8	32.7	35.0	33.8	32.0	33.4	34.2
QLD	24.9	27.2	26.7	27.1	26.7	25.7	27.4	29.1
SA	26.4	25.8	27.9	28.1	28.6	27.3	27.6	30.6
WA	25.5	25.3	27.3	27.0	27.4	26.4	28.9	29.1
TAS	21.4	25.9	22.6	23.7	24.4	21.6	24.1	27.1
NT	32.4	32.5	41.7	34.2	40.1	51.2	34.5	39.1
ACT	41.4	38.2	38.5	38.3	33.1	37.6	39.0	46.1
AUST	29.3	29.1	30.5	30.9	30.8	29.8	31.5	32.5

Table 13.8 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 25-44 YRS IN PART-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	19.4	19.3	19.3	19.7	19.7	17.9	19.5	21.0
VIC	21.1	21.1	22.6	19.6	21.1	21.0	21.4	23.0
QLD	21.8	20.3	22.5	22.6	20.8	21.4	21.4	22.9
SA	24.9	25.6	23.8	24.1	25.5	24.6	26.2	26.0
WA	25.1	25.3	28.6	25.6	26.6	25.6	24.0	27.6
TAS	22.6	24.6	24.1	24.2	22.1	22.2	24.2	22.4
NT	19.5	15.6	20.0	24.6	21.7	14.4	19.2	15.6
ACT	18.5	22.5	17.7	21.9	23.6	25.3	25.3	25.7
AUST	21.2	21.2	22.0	21.2	21.5	20.8	21.5	23.0

Table 13.9 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 25-44 YRS IN TOTAL EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	50.6	49.4	51.2	50.9	51.5	49.2	53.2	54.7
VIC	52.2	51.8	55.3	54.6	54.9	52.9	54.8	57.2
QLD	46.6	47.4	49.2	49.6	47.5	47.1	48.8	52.8
SA	51.4	51.4	51.7	52.2	54.1	51.9	53.8	56.6
WA	50.6	50.6	55.9	52.6	54.0	52.1	52.9	56.7
TAS	44.0	50.5	46.7	48.0	46.4	43.8	48.3	49.6
NT	51.9	48.1	61.7	58.7	61.8	65.6	53.8	54.7
ACT	59.9	60.6	56.2	60.1	56.7	62.9	64.2	71.7
AUST	50.5	50.3	52.5	52.1	52.3	50.6	53.0	55.6

Table 13.10 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 25-44 YRS IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	96.2	102.3	99.9	101.7	99.9	107.6	108.0
VIC	100.0	98.9	105.0	112.4	108.6	102.7	107.3	109.9
QLD	100.0	109.2	107.2	108.8	107.6	103.5	110.2	116.8
SA	100.0	97.5	105.7	106.2	108.1	103.3	104.4	115.8
WA	100.0	99.4	107.0	105.8	107.5	103.7	113.3	114.3
TAS	100.0	121.0	105.4	110.9	113.8	101.1	112.8	126.8
NT	100.0	100.1	128.7	105.3	123.6	157.7	106.4	120.5
ACT	100.0	92.4	93.1	92.5	80.1	91.0	94.3	111.4
AUST	100.0	99.4	104.3	105.5	105.1	101.9	107.5	111.1

Table 13.11 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 25-44 YRS IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	99.6	99.4	101.6	101.7	92.7	100.9	108.4
VIC	100.0	100.1	107.4	93.0	100.2	99.5	101.8	109.0
QLD	100.0	93.2	103.5	103.7	95.6	98.3	98.6	105.4
SA	100.0	102.8	95.5	96.7	102.4	98.5	105.2	104.1
WA	100.0	100.6	114.0	102.0	106.0	102.1	95.5	109.7
TAS	100.0	109.0	106.9	107.4	97.8	98.3	107.2	99.4
NT	100.0	80.1	102.6	126.0	111.2	73.9	98.6	80.0
ACT	100.0	121.2	95.8	118.1	127.4	136.7	136.4	138.5
AUST	100.0	99.7	103.5	99.9	101.3	97.7	101.4	108.4

Table 13.12 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 25-44 YRS IN TOTAL EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	97.5	101.2	100.6	101.7	97.1	105.0	108.1
VIC	100.0	99.4	105.9	104.6	105.2	101.4	105.1	109.6
QLD	100.0	101.7	105.5	106.4	102.0	101.1	104.8	113.2
SA	100.0	100.1	100.7	101.6	105.3	101.0	104.8	110.1
WA	100.0	100.0	110.5	103.9	106.7	102.9	104.4	112.0
TAS	100.0	114.8	106.2	109.1	105.6	99.7	109.9	112.8
NT	100.0	92.6	118.9	113.1	119.0	126.3	103.5	105.3
ACT	100.0	101.3	93.9	100.4	94.8	105.1	107.3	119.8
AUST	100.0	99.5	104.0	103.1	103.5	100.2	105.0	110.0

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14. PERSONS AGED 45 YEARS AND OVER IN FULL-TIME, PART-TIME * AND TOTAL EMPLOYMENT, BY STATE, 1978 - 1985.

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* Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia." (unpublished data)

Table 14.1 EMPLOYMENT TO POPULATION RATIO
MALES AGED 45 YRS AND OVER IN FULL-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	57.2	56.2	56.0	54.8	52.8	48.8	48.8	47.3
VIC	58.9	57.6	56.7	55.9	53.2	50.4	49.9	50.9
QLD	53.8	53.2	51.6	50.4	49.9	46.6	47.4	46.9
SA	57.6	55.3	52.6	52.3	47.8	46.2	45.7	43.4
WA	55.8	56.2	55.6	53.1	51.9	51.1	50.7	49.9
TAS	56.5	54.2	54.3	52.3	48.9	50.6	47.3	49.1
NT	66.1	62.1	54.4	64.9	65.1	62.1	53.1	65.5
ACT	73.8	72.1	65.4	67.9	62.0	61.7	61.6	61.9
AUST	57.3	56.1	55.2	54.2	52.0	49.1	48.9	48.4

Table 14.2 EMPLOYMENT TO POPULATION RATIO
MALES AGED 45 YRS AND OVER IN PART-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	3.2	3.4	3.4	3.5	3.4	3.4	3.5	3.6
VIC	3.6	3.5	3.6	3.2	3.5	3.8	3.9	4.1
QLD	3.1	2.7	3.1	3.6	3.2	3.2	2.8	3.6
SA	4.1	4.0	3.4	3.2	3.5	3.4	4.4	3.0
WA	3.6	3.7	3.3	3.5	2.9	3.9	3.9	3.0
TAS	3.2	*	2.9	3.5	2.8	2.6	3.0	3.0
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	3.4	3.4	3.4	3.4	3.3	3.5	3.6	3.6

Table 14.3 EMPLOYMENT TO POPULATION RATIO
MALES AGED 45 YRS AND OVER IN TOTAL EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	60.4	59.6	59.4	58.3	56.2	52.2	52.4	50.9
VIC	62.5	61.2	60.3	59.1	56.7	54.2	53.8	55.0
QLD	56.9	55.9	54.7	54.0	53.1	49.8	50.2	50.5
SA	61.6	59.3	56.0	55.5	51.3	49.7	50.0	46.4
WA	59.4	59.9	58.9	56.7	54.8	55.0	54.6	52.9
TAS	59.6	56.2	57.2	55.9	51.7	53.1	50.3	52.1
NT	66.1	69.2	64.4	74.0	66.4	63.3	55.2	69.3
ACT	77.1	75.8	70.3	73.1	65.2	67.2	66.2	66.5
AUST	60.6	59.6	58.6	57.6	55.3	52.6	52.5	52.0

* Subject to sampling variability too high for most practical uses.

Table 14.4 EMPLOYMENT TO POPULATION RATIO MALES AGED 45 YRS AND OVER IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	98.2	97.8	95.7	92.3	85.3	85.3	82.7
VIC	100.0	97.8	96.3	94.9	90.4	85.6	84.7	86.4
QLD	100.0	98.9	95.9	93.7	92.8	86.7	88.0	87.2
SA	100.0	96.0	91.4	90.9	83.1	80.3	79.3	75.4
WA	100.0	100.7	99.6	95.3	93.0	91.6	90.8	89.5
TAS	100.0	95.9	96.2	92.7	86.7	89.6	83.7	87.0
NT	100.0	93.9	82.2	98.2	98.4	93.9	80.3	99.0
ACT	100.0	97.7	88.6	92.0	84.1	83.7	83.5	84.0
AUST	100.0	98.1	96.4	94.6	90.8	85.8	85.3	84.5

Table 14.5 EMPLOYMENT TO POPULATION RATIO MALES AGED 45 YRS AND OVER IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	106.2	106.2	109.4	106.2	106.2	110.5	112.4
VIC	100.0	97.2	100.0	88.9	97.2	105.6	110.8	114.3
QLD	100.0	87.1	100.0	112.5	103.2	103.2	93.0	116.0
SA	100.0	97.6	82.9	78.0	85.4	82.9	106.5	72.8
WA	100.0	102.8	91.7	97.2	80.6	108.5	108.3	82.6
TAS	100.0	*	90.6	109.4	87.5	81.2	94.2	94.6
NT	*	*	*	*	*	*	*	*
ACT	*	*	*	*	*	*	*	*
AUST	100.0	100.0	100.0	100.0	97.1	102.9	107.5	106.5

Table 14.6 EMPLOYMENT TO POPULATION RATIO MALES AGED 45 YRS AND OVER IN TOTAL EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	98.7	98.3	96.4	93.0	86.4	86.6	84.2
VIC	100.0	97.9	96.5	94.5	90.7	86.8	86.2	88.0
QLD	100.0	98.3	96.2	95.0	93.4	87.6	88.3	88.8
SA	100.0	96.2	90.8	90.1	83.3	80.6	81.1	75.2
WA	100.0	100.8	99.1	95.4	92.2	92.5	91.9	89.0
TAS	100.0	94.2	95.8	93.6	86.7	89.1	84.3	87.4
NT	100.0	104.7	97.4	112.0	100.4	95.7	83.4	104.8
ACT	100.0	98.3	91.2	94.8	84.5	87.2	85.9	86.2
AUST	100.0	98.2	96.7	95.0	91.2	86.8	86.6	85.7

* Subject to sampling variability too high for most practical uses.

Table 14.7 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 45 YRS AND OVER IN FULL-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	14.5	12.7	14.0	12.4	12.7	12.4	12.9	12.7
VIC	14.2	14.0	14.0	14.8	13.0	12.6	12.6	12.2
QLD	12.0	9.8	11.7	10.7	11.1	11.7	11.5	10.8
SA	12.6	11.9	11.8	11.5	10.5	9.0	9.0	9.5
WA	12.2	12.0	11.5	11.3	11.0	11.5	12.2	11.0
TAS	10.7	11.6	10.5	11.5	9.9	9.4	8.8	9.8
NT	*	*	*	*	*	*	22.0	27.3
ACT	29.8	25.9	23.8	26.9	21.4	26.2	23.0	23.0
AUST	13.8	12.6	13.2	12.7	12.2	12.0	12.2	11.9

Table 14.8 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 45 YRS OR OVER IN PART-TIME EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	9.2	8.5	8.8	10.0	9.3	9.0	10.0	8.7
VIC	9.2	9.3	10.1	9.4	9.2	10.0	9.2	9.4
QLD	9.1	9.1	8.5	9.5	8.5	7.6	7.8	9.5
SA	10.9	10.5	9.3	10.6	8.9	10.2	10.0	10.0
WA	10.9	12.3	12.5	11.7	11.7	12.1	11.4	11.5
TAS	10.0	11.9	9.1	9.5	9.9	9.1	8.9	9.2
NT	*	*	*	*	*	*	*	*
ACT	15.1	11.1	13.7	12.3	9.6	9.4	12.6	13.4
AUST	9.5	9.4	9.5	10.0	9.3	9.4	9.6	9.4

Table 14.9 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 45 YRS AND OVER IN TOTAL EMPLOYMENT.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	23.7	21.2	22.8	22.4	22.0	21.4	22.9	21.4
VIC	23.4	23.3	24.1	24.2	22.1	22.5	21.8	21.6
QLD	21.1	18.9	20.2	20.2	19.6	19.4	19.3	20.3
SA	23.5	22.5	21.1	22.2	19.5	19.2	19.0	19.5
WA	23.2	24.4	24.0	23.0	22.7	23.6	23.6	22.6
TAS	20.7	23.4	19.6	21.0	19.8	18.5	17.7	19.0
NT	*	*	*	30.8	33.2	24.1	34.6	34.8
ACT	44.9	37.0	37.5	39.1	31.0	35.6	35.6	36.4
AUST	23.3	22.0	22.7	22.7	21.5	21.4	21.8	21.3

* Subject to sampling variability too high for most practical uses.

Table 14.10 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 45 YRS AND OVER IN FULL-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	87.1	96.2	85.0	87.6	85.0	88.7	87.0
VIC	100.0	98.4	98.6	103.8	91.3	88.4	88.6	85.8
QLD	100.0	81.8	97.8	89.0	92.2	97.8	95.6	90.0
SA	100.0	94.9	93.8	91.6	83.8	71.8	71.8	75.7
WA	100.0	98.1	93.6	92.3	89.7	94.1	99.5	90.2
TAS	100.0	108.4	98.8	108.3	92.8	87.9	82.8	92.2
NT	*	*	*	*	*	*	*	*
ACT	100.0	86.8	79.8	90.1	71.9	88.0	77.0	77.2
AUST	100.0	91.4	96.3	92.5	88.9	87.3	88.7	86.6

Table 14.11 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 45 YRS AND OVER IN PART-TIME EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	92.3	95.2	108.7	100.5	97.9	108.7	94.7
VIC	100.0	101.3	109.8	102.5	99.5	108.5	99.7	101.7
QLD	100.0	100.1	93.1	104.4	93.8	84.0	85.6	104.2
SA	100.0	96.2	84.7	97.2	81.5	93.2	91.2	91.2
WA	100.0	112.9	114.5	107.2	107.0	110.9	104.6	105.4
TAS	100.0	118.8	90.9	94.6	99.5	91.3	88.7	92.0
NT	*	*	*	*	*	*	*	*
ACT	100.0	73.9	90.8	81.6	63.7	62.1	84.0	89.1
AUST	100.0	98.8	99.5	104.6	97.6	98.8	100.2	98.7

Table 14.12 EMPLOYMENT TO POPULATION RATIO FEMALES AGED 45 YRS AND OVER IN TOTAL EMPLOYMENT.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	89.1	95.8	94.2	92.6	90.0	96.4	90.0
VIC	100.0	99.5	103.0	103.3	94.5	96.3	93.0	92.1
QLD	100.0	89.7	95.8	95.6	92.9	91.8	91.3	96.2
SA	100.0	95.5	89.6	94.2	82.8	81.7	80.3	82.9
WA	100.0	105.1	103.4	99.3	97.8	102.0	101.9	97.4
TAS	100.0	113.4	95.0	101.6	96.1	89.5	85.7	92.1
NT	*	*	*	*	*	*	*	*
ACT	100.0	82.5	83.5	87.2	69.1	79.3	79.3	81.1
AUST	100.0	94.4	97.6	97.5	92.5	92.0	93.4	91.5

* Subject to sampling variability too high for most practical uses.

AGE AND THE JOB MARKET - UNEMPLOYMENT RATE.

15. UNEMPLOYED PERSONS, BY STATE, 1978 - 1985.*

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Table 15.15 Unemployment Rate : Females Aged 25-44 Years (indexed)

Table 15.16 Unemployment Rate : Females Aged 45 Years and Over (indexed)

* Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia." (unpublished data)

Table 15.1 UNEMPLOYMENT RATE : MALES AGED 15-19 YEARS.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	17.3	14.9	12.5	8.6	14.9	24.4	22.3	19.5
VIC	15.1	13.2	15.3	13.4	17.5	21.2	18.6	18.7
QLD	14.0	12.6	12.0	7.5	12.5	20.9	25.8	20.1
SA	23.9	21.2	21.9	17.8	22.4	26.9	25.2	20.7
WA	13.5	13.9	16.4	11.1	16.6	22.7	20.2	17.6
TAS	12.6	17.7	15.6	19.8	19.5	28.3	31.5	20.4
AUST	16.4	14.6	14.7	11.2	16.3	23.0	22.1	19.3

Table 15.2 UNEMPLOYMENT RATE : MALES AGED 20-24 YEARS.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	7.8	7.4	7.9	7.9	11.5	20.1	15.4	14.9
VIC	7.6	7.1	8.0	7.6	10.0	13.3	10.3	8.3
QLD	10.7	8.4	6.9	7.6	9.4	17.9	16.6	13.6
SA	11.6	12.9	13.3	11.6	12.2	17.5	14.4	13.4
WA	10.1	10.3	10.9	9.5	12.7	17.7	15.0	11.5
TAS	10.2	6.8	7.2	10.8	20.3	17.3	23.9	18.1
AUST	8.8	8.4	8.5	8.3	8.8	17.3	14.3	12.5

Note. Where all estimates for a State are subject to high sampling variability, that State has been committed.

Table 15.3 UNEMPLOYMENT RATE : MALES AGED 15-19 YEARS.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	86.1	72.3	49.7	86.1	141.0	129.3	112.9
VIC	100.0	87.4	101.3	88.7	82.5	140.4	123.5	123.9
QLD	100.0	90.0	85.7	53.6	89.3	149.3	184.2	143.0
SA	100.0	88.7	91.6	74.5	93.7	112.6	105.5	86.5
WA	100.0	103.0	121.5	82.2	123.0	168.1	150.3	131.1
TAS	100.0	140.5	123.8	157.1	154.8	225.0	250.7	162.9
AUST	100.0	89.0	89.6	68.3	99.4	140.2	134.5	117.4

Table 15.4 UNEMPLOYMENT RATE : MALES AGED 20-24 YEARS.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	94.9	101.3	101.3	147.4	257.7	196.4	190.3
VIC	100.0	93.4	105.3	100.0	131.6	175.0	136.0	109.0
QLD	100.0	78.5	64.5	71.0	87.9	167.3	155.4	128.0
SA	100.0	111.2	114.7	100.0	105.2	150.9	124.1	115.4
WA	100.0	102.0	107.9	94.1	125.7	175.2	148.2	113.8
TAS	100.0	66.7	70.6	105.9	199.0	169.6	233.4	177.1
AUST	100.0	95.5	96.6	94.3	100.0	196.6	162.0	141.4

Note. Where all estimates for a State are subject to high sampling variability, that State has been ommitted.

Table 15.5 UNEMPLOYMENT RATE : MALES AGED 25-44 YEARS.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	3.4	2.7	3.5	3.2	5.0	9.2	7.6	6.9
VIC	3.0	3.3	3.0	2.9	3.4	6.2	4.6	4.0
QLD	3.9	2.8	3.0	3.3	4.9	7.7	6.8	6.9
SA	5.0	4.0	4.3	5.0	5.4	7.3	6.6	6.1
WA	4.6	4.7	3.5	4.1	5.7	7.3	7.1	5.7
TAS	4.3	3.0	2.7	3.5	6.0	7.6	7.7	7.6
AUST	3.6	3.1	3.3	3.4	4.6	7.7	6.4	5.9

Table 15.6 UNEMPLOYMENT RATE : MALES AGED 45 YEARS AND OVER.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	3.3	2.1	2.6	2.5	3.2	6.2	6.1	6.8
VIC	2.9	2.6	2.8	2.8	3.1	5.3	4.5	3.7
QLD	4.5	2.8	2.6	3.2	3.3	6.7	7.4	5.8
SA	3.4	2.0	3.2	5.5	4.3	8.8	6.3	7.3
WA	3.3	3.6	2.7	3.4	5.4	5.8	5.1	6.8
AUST	3.3	2.5	2.9	3.1	3.5	6.1	5.7	5.6

Note. Where all estimates for a State are subject to high sampling variability, that State has been ommitted.

Table 15.7 UNEMPLOYMENT RATE : MALES AGED 25-44 YEARS.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	79.4	102.9	94.1	147.1	270.6	220.9	201.1
VIC	100.0	110.0	100.0	96.7	113.3	206.7	152.7	134.2
QLD	100.0	71.8	76.9	84.6	125.6	197.4	173.4	175.0
SA	100.0	80.0	86.0	100.0	108.0	146.0	131.5	120.8
WA	100.0	102.2	76.1	89.1	123.9	158.7	154.7	123.9
TAS	100.0	69.8	62.8	81.4	139.5	176.7	182.7	179.6
AUST	100.0	86.1	91.7	94.4	127.7	213.9	179.0	162.9

Table 15.8 UNEMPLOYMENT RATE : MALES AGED 45 YEARS AND OVER.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	63.6	78.8	75.8	97.0	187.9	184.9	205.9
VIC	100.0	89.7	96.6	96.6	106.9	182.8	157.9	128.2
QLD	100.0	62.2	57.8	71.1	73.3	148.9	163.9	128.1
SA	100.0	58.8	94.1	161.8	126.5	258.8	185.3	214.3
WA	100.0	109.1	81.8	103.0	163.6	175.8	152.4	203.7
AUST	100.0	75.8	87.9	93.9	106.1	184.8	145.5	169.4

Note. Where all estimates for a State are subject to high sampling variability, taht State has been ommitted.

Table 15.9 UNEMPLOYMENT RATE : FEMALES AGED 15-19 YEARS.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	17.0	20.9	18.7	14.0	17.0	22.7	19.9	18.4
VIC	17.7	19.0	17.4	19.0	14.5	25.8	21.9	15.5
QLD	15.5	16.9	17.8	15.8	13.4	16.7	16.7	16.4
SA	18.7	25.9	24.4	24.2	22.4	23.1	23.3	17.5
WA	17.1	22.1	20.4	16.1	18.4	18.0	15.6	17.0
TAS	18.5	26.8	17.4	19.3	31.5	30.3	22.0	18.1
AUST	17.2	20.4	18.7	17.0	16.3	22.2	19.7	17.1

Table 15.10 UNEMPLOYMENT RATE : FEMALES AGED 20-24 YEARS.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	10.5	6.1	7.8	7.4	8.7	11.3	9.8	11.0
VIC	8.8	6.7	9.2	8.0	7.6	10.8	9.3	8.5
QLD	9.0	10.1	12.5	10.0	9.0	12.4	10.2	13.8
SA	8.0	9.8	9.6	9.9	11.6	14.1	13.3	11.8
WA	11.2	12.5	9.2	10.5	11.0	11.5	10.6	10.5
TAS	10.5	11.3	7.4	11.2	11.1	10.3	14.5	7.7
AUST	9.6	8.0	9.1	8.7	8.8	11.5	10.3	10.5

Note. Where all estimates for a State are subject to high sampling variability, that State has been ommitted.

Table 15.11 UNEMPLOYMENT RATE : FEMALES AGED 15-19 YEARS.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	122.9	110.0	82.4	100.0	133.5	117.4	108.9
VIC	100.0	107.3	98.3	107.3	81.9	145.8	123.7	87.8
QLD	100.0	109.0	114.8	101.9	86.5	107.7	107.8	106.1
SA	100.0	138.5	130.5	129.4	119.8	123.5	124.3	93.6
WA	100.0	129.2	119.3	94.2	107.6	105.3	91.5	99.5
TAS	100.0	144.9	94.1	104.3	170.3	163.8	118.6	97.5
AUST	100.0	118.6	108.7	98.8	94.8	129.1	114.4	99.5

Table 15.12 UNEMPLOYMENT RATE : FEMALES AGED 20-24 YEARS.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	58.1	74.3	70.5	82.9	107.6	93.5	104.8
VIC	100.0	76.1	104.5	90.9	86.4	122.7	105.9	96.9
QLD	100.0	112.2	138.9	111.1	100.0	137.8	112.2	152.2
SA	100.0	122.5	120.0	123.7	145.0	176.2	166.7	147.8
WA	100.0	111.6	82.1	93.7	98.2	102.7	95.0	93.4
TAS	100.0	107.6	70.5	106.7	105.7	98.1	137.4	73.4
AUST	100.0	83.3	94.8	90.6	91.7	119.8	107.8	109.4

Note. Where all estimates for a State are subject to high sampling variability, that State has been ommitted.

Table 15.13 UNEMPLOYMENT RATE :FEMALES AGED 25-44 YEARS.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	5.1	5.2	5.0	5.2	5.7	8.7	6.1	6.8
VIC	5.8	5.0	5.3	5.3	5.9	8.1	5.5	5.6
QLD	5.7	4.8	5.2	6.6	6.3	8.9	7.5	7.7
SA	4.7	6.5	6.6	6.3	7.1	7.8	6.5	6.7
WA	5.6	7.1	4.2	5.1	5.2	7.5	8.0	5.9
TAS	5.5	5.8	*	5.9	5.9	7.3	9.0	6.5
AUST	5.4	5.5	5.1	3.4	5.9	8.2	6.4	6.4

Table 15.14 UNEMPLOYMENT RATE : FEMALES AGED 45 YRS AND OVER.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	3.8	2.7	2.7	1.7	2.8	4.5	4.0	4.6
VIC	3.9	4.5	3.4	3.9	3.4	3.8	3.3	3.3
QLD	*	*	*	*	*	*	4.9	*
WA	*	*	*	*	*	*	4.7	*
AUST	3.5	3.3	3.0	2.8	3.3	4.1	4.0	3.9

* Subject to sampling variability too high for most practical uses.

Note. Where all estimates for a State are subject to high sampling variability, that State has been ommitted.

Table 15.15 UNEMPLOYMENT RATE : FEMALES AGED 25-44 YEARS.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	102.0	98.0	102.0	111.8	170.6	119.1	132.7
VIC	100.0	86.2	91.3	91.3	101.7	139.7	94.4	95.2
QLD	100.0	84.2	91.2	115.8	110.5	156.1	131.7	134.3
SA	100.0	138.3	140.4	134.0	151.1	166.0	140.1	143.2
WA	100.0	126.8	75.0	91.1	92.9	133.9	143.4	104.5
TAS	100.0	105.5	*	107.3	107.3	132.7	165.1	119.2
AUST	100.0	101.9	94.4	63.0	109.3	151.9	118.1	119.3

Table 15.16 UNEMPLOYMENT RATE : FEMALES AGED 45 YRS AND OVER.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	71.1	71.1	44.7	73.7	118.4	105.4	121.1
VIC	100.0	115.4	87.2	100.0	87.2	97.4	86.3	85.1
AUST	100.0	94.3	85.7	80.0	94.3	117.1	112.6	109.0

* Subject to sampling variability too high for most practical uses.

Note. Where all estimates for a State are subject to high sampling variability, that State has been omitted.

EMPLOYMENT IN SELECTED OCCUPATIONS.

16. MALES EMPLOYED IN SELECTED OCCUPATIONS, BY STATE, 1978-1985.*

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Table 16.1 New South Wales : Males in Selected Occupations

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Table 16.7 Northern Territory : Males in Selected Occupations

Table 16.8 A.C.T. : Males in Selected Occupations

Table 16.9 Australia : Males in Selected Occupations

Table 16A Males in Selected Occupations as a Percentage of Total Male Employment, by State, 1985.

* Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia" (unpublished data).

MALES IN SELECTED OCCUPATIONS.

The tables in this section show the total numbers of males employed in selected occupations, disaggregated to the State level. The occupations selected are ones that involve at least one percent of the State total employed male population for 1985.

Occupation titles are abbreviated in the tables but are listed in full below.

1. Architects : Professional architects, engineers and surveyors.

2. Medical etc. : Medical practitioners and dentists.

3. Teachers : Teachers.

4. Draftsmen : Draftsmen and technicians.

5. Managers : Employers, workers on own account, directors and managers, other than administrative and executive officials, not elsewhere classified.

6. Clerks : Clerks other than bookkeepers, cashiers, stenographers and typists.

7. Insurance : Insurance, real estate salesmen, auctioneers and valuers.

8. Comm. Travel.: Commercial travellers and manufacturers agents.

9. Shop Work : Proprietors, shopkeepers, workers on own account, retail and wholesale trade, salesmen, shop assistants, and related workers.

10. Farmers : Farmers and farm managers.

11. Farm Work : Farm workers, including farm foremen.

12. Miners : Miners, mineral prospectors and quarrymen.

13. Road Drivers : Drivers, road transport.

14. Furnacemen : Furnacemen, rollers, drawers, moulders and related metal making and treating workers.

15. Machinists : Machine toolmakers, metal machinists, mechanics, plumbers and related metal workers.

16. Electricial : Electricians and related electrical and electronic workers.

17. Metalworkers : Metalworkers, metal and electrical production process workers, not earlier counted.

18. Carpenters : Carpenters, woodworking machinists, cabinetmakers, and related workers.

19. Painters : Painters and decorators.

20. Bricklayers : Bricklayers, plasterers, and construction workers.

21. Compositors : Compositors, printing machinists, engravers, bookbinders and related workers.

22. Millers : Millers, bakers, butchers, brewers, and related food and drink workers.

23. Chemical : Chemical, sugar and paper production-process workers.

24. Operators : Stationary engine, excavating and lifting equipment operators.

25. Storemen : Storemen and freight handlers.

26. Labourers : Labourers, not earlier counted.

27. Police : Police, fire brigade, and other protective service workers.

28. Cooks : Housekeepers, cooks, maids and related workers.

29. Cleaners : Cleaners and caretakers of buildings.

TABLE 16.1 NEW SOUTH WALES : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Architects,etc.	22.4	20.8	21.3	33.8	28.5	25.9	24.2	30.2
Teachers	38.2	32.5	36.1	37.0	35.9	38.2	42.4	35.4
Draftsmen,etc.	24.9	27.8	35.5	25.7	31.0	29.1	30.8	32.5
Managers,etc	115.3	122.7	120.5	118.7	131.0	135.0	134.9	130.0
Clerks	88.7	102.3	100.0	102.8	94.2	96.7	103.7	105.9
Insurance,etc	*	15.7	15.1	12.8	14.0	*	11.4	15.3
Comm.Trav.,etc.	21.0	22.9	19.9	22.7	20.8	20.2	22.7	17.9
Shop Work,etc.	59.4	56.2	55.5	55.3	49.0	44.4	49.7	60.9
Farmers,etc.	47.9	51.5	56.8	52.4	53.7	59.1	62.0	57.5
Farm Workers	36.4	41.3	40.7	40.0	42.0	43.5	38.7	38.2
Miners,etc	15.5	*	*	*	*	*	15.1	16.4
Road Drivers	74.4	71.2	74.7	71.3	71.4	72.4	72.9	75.8
Machinists,etc.	145.9	149.6	159.3	161.2	170.7	152.5	145.9	140.9
Electrical,etc.	52.3	56.5	64.1	62.5	59.2	63.7	62.3	65.9
Metalwork.,etc.	25.5	31.1	26.6	29.0	21.0	17.5	16.2	20.6
Carpenters,etc.	43.5	44.4	44.1	42.8	44.1	27.5	38.9	44.0
Painters,etc.	17.3	20.2	22.8	19.2	20.5	15.0	17.8	19.0
Bricklayers,etc.	46.9	42.7	54.2	58.4	48.2	43.8	53.5	49.8
Millers,etc.	33.2	27.1	30.7	26.4	29.4	25.4	24.8	20.5
Operators,etc.	35.2	30.7	34.8	38.6	33.9	29.4	29.8	26.4
Storemen,etc	41.1	36.7	39.0	42.9	44.7	36.6	37.7	38.2
Labourers	65.0	65.9	60.2	62.2	64.2	53.8	55.3	68.0
Police,etc.	19.9	20.1	18.4	18.0	21.6	22.4	22.1	20.0
Cooks,etc	*	*	*	11.4	*	19.2	19.1	17.4
Cleaners,etc.	17.1	19.6	15.6	17.9	16.8	16.0	11.0	14.8

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 16.2 VICTORIA : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Architects,etc.	20.9	22.3	25.4	18.2	23.3	21.6	23.7	28.6
Teachers	38.9	32.5	30.8	35.0	34.0	34.5	32.6	38.2
Draftsmen,etc.	22.8	22.2	26.1	32.7	32.6	23.2	28.3	28.2
Managers,etc.	87.4	96.5	86.0	89.7	95.4	87.2	89.4	91.4
Clerks	67.4	71.7	69.0	74.5	88.5	77.3	74.6	77.7
Insurance,etc	*	11.1	9.2	10.1	11.1	*	10.8	13.6
Comm.Trav.,etc.	10.9	12.0	12.3	14.0	10.9	14.3	10.8	16.1
Shop Work,etc.	54.4	51.1	51.7	54.2	50.6	50.0	50.4	50.1
Farmers,etc	50.7	54.1	49.7	51.2	50.3	47.9	53.6	50.8
Farm Work	24.4	22.5	26.3	29.6	28.3	25.7	25.9	27.5
Road Drivers	52.0	59.7	45.1	54.0	51.6	47.8	48.0	48.5
Machinists,etc.	127.1	119.7	124.2	133.4	121.1	110.0	119.9	119.2
Electrical,etc.	36.1	40.0	45.2	36.6	35.2	39.2	43.1	45.4
Metalwork.,etc.	17.3	20.5	24.2	18.7	21.6	16.1	15.6	19.4
Carpenters,etc.	34.1	32.1	38.2	33.4	31.9	33.4	37.3	34.1
Painters,etc.	14.5	13.7	14.5	12.6	14.3	11.9	11.0	(a)
Bricklayers,etc.	36.4	28.0	35.0	30.5	34.7	33.2	32.6	39.2
Compositors,etc.	11.8	13.0	13.5	14.6	12.0	14.4	11.2	13.8
Millers,etc.	25.2	22.6	23.1	21.8	22.2	25.6	21.2	27.7
Operators,etc.	22.6	19.5	23.2	25.6	20.5	26.5	28.2	26.0
Storemen,etc.	33.7	33.4	27.1	31.9	27.6	33.7	29.0	33.1
Labourers	37.2	33.7	46.3	41.3	30.8	38.1	31.1	31.8
Police,etc.	14.6	18.2	17.2	14.9	13.2	15.8	22.2	15.7
Cooks,etc	*	*	*	12.4	*	9.9	12.2	13.5
Cleaners,etc.	13.4	15.3	11.6	12.9	15.1	14.7	14.4	12.6

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 16.3 QUEENSLAND : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Architects,etc.	6.3	7.1	6.9	10.4	11.0	9.9	9.2	10.2
Teachers	13.0	14.9	13.6	17.2	16.5	19.1	18.6	19.0
Draftsmen,etc.	8.3	12.6	9.6	11.1	13.4	10.3	10.6	13.5
Managers,etc.	43.4	46.1	47.6	51.4	55.9	52.8	53.3	52.5
Clerks	40.2	34.4	37.0	41.8	41.1	37.8	38.8	37.9
Insurance,etc	*	8.2	8.5	7.4	8.9	*	8.5	7.8
Comm.Trav.,etc.	7.8	7.3	7.0	7.9	8.2	8.1	10.9	8.6
Shop Work,etc.	26.3	27.9	30.2	30.3	28.8	28.8	30.6	32.6
Farmers,etc.	40.3	39.8	39.0	42.8	43.7	39.6	41.9	38.7
Farm Work	30.1	33.8	26.6	22.9	30.7	30.9	27.4	27.9
Road Drivers	31.2	31.8	26.9	32.7	29.4	33.6	32.9	31.0
Machinists,etc.	56.9	60.1	59.2	62.1	66.9	59.6	59.1	63.5
Electrical,etc.	24.2	23.4	26.8	24.7	25.6	28.9	25.8	28.9
Metalwork.,etc.	7.3	6.5	8.2	9.6	7.4	8.8	8.2	8.2
Carpenters,etc.	21.5	25.0	23.2	24.1	23.9	24.4	25.7	26.4
Painters,etc.	7.7	8.4	7.9	8.6	8.2	8.8	9.0	9.0
Bricklayers,etc.	19.9	22.5	26.6	23.6	22.3	16.6	22.1	24.5
Millers,etc.	17.9	17.5	18.5	15.1	17.0	18.4	16.7	14.0
Operators,etc.	18.3	12.3	14.7	20.7	16.7	16.3	17.8	17.6
Storemen,etc.	13.6	17.2	18.5	19.1	16.2	18.1	18.6	16.9
Labourers	21.3	23.8	21.5	23.2	25.1	19.1	20.8	26.5
Police,etc.	9.7	8.1	9.3	8.1	10.7	10.8	11.8	8.8
Cooks,etc	*	*	*	6.9	*	5.1	7.3	6.7
Cleaners,etc.	6.1	5.4	6.7	7.7	6.6	6.3	6.0	7.4

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 16.4 SOUTH AUSTRALIA : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Architects,etc.	3.2	4.9	3.4	3.7	6.2	5.0	4.0	4.6
Medical,etc.	*	*	*	*	*	*	(a)	4.1
Teachers	9.7	11.2	11.2	9.4	11.8	11.3	11.3	11.9
Draftsmen,etc.	7.5	7.1	8.8	7.9	5.8	7.9	7.8	7.5
Managers,etc.	25.9	24.2	24.8	26.1	28.3	25.4	31.5	30.8
Clerks	27.3	28.9	25.7	25.0	22.6	22.7	25.6	25.1
Insurance,etc	*	3.4	3.4	4.5	3.1	*	3.9	(a)
Comm.Trav.,etc.	4.9	4.1	5.1	4.8	5.9	4.9	4.2	6.3
Shop Work,etc.	13.2	15.0	14.2	15.2	15.3	13.9	13.9	15.6
Farmers,etc.	22.4	22.1	22.8	25.8	22.7	22.4	23.0	23.2
Farm Work	12.2	14.0	10.9	12.5	11.1	12.4	12.6	12.0
Road Drivers	19.4	17.9	16.9	17.5	17.6	16.9	19.1	17.4
Machinists,etc.	45.6	43.5	42.6	44.5	44.0	38.9	41.8	37.7
Electrical,etc.	15.2	13.0	15.5	15.6	14.0	12.1	13.4	11.0
Metalwork.,etc.	6.0	6.2	6.5	4.7	5.2	4.8	5.5	6.1
Carpenters,etc.	10.8	11.3	9.7	13.2	9.9	10.2	10.5	12.0
Painters,etc.	5.7	5.8	4.6	4.8	4.4	4.0	4.7	4.6
Bricklayers,etc.	13.0	9.4	11.5	13.4	9.9	12.0	13.5	11.4
Millers,etc.	8.0	8.7	9.0	6.6	8.6	8.4	10.4	7.3
Operators,etc.	9.2	7.6	7.7	8.2	9.1	7.8	8.3	10.1
Storemen,etc.	11.0	12.1	9.9	13.0	10.9	12.0	10.0	11.0
Labourers	12.4	9.7	11.6	8.2	6.3	6.5	7.7	8.8
Police,etc.	4.0	4.0	7.7	5.6	6.6	5.7	5.7	5.4
Cooks,etc	*	*	*	3.4	*	*	3.1	(a)
Cleaners,etc.	4.5	3.3	2.8	1.9	2.4	2.8	2.0	(a)

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 16.5 WESTERN AUSTRALIA : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Architects,etc.	4.5	5.9	5.8	8.1	6.4	6.6	7.2	5.6
Teachers	10.0	11.3	11.0	10.7	10.3	12.5	10.3	11.7
Draftsmen,etc.	7.5	6.3	8.1	7.7	8.4	7.6	8.7	9.4
Managers,etc.	22.3	21.3	26.2	25.4	24.6	29.0	31.7	29.5
Clerks	24.8	25.8	25.1	22.2	24.8	21.4	24.3	22.8
Insurance,etc	*	3.6	3.6	4.3	4.7	*	4.5	(a)
Comm.Trav.,etc.	4.3	4.4	4.7	3.8	3.4	4.3	3.9	4.5
Shop Work,etc.	12.5	13.1	14.6	15.7	16.1	14.7	18.8	18.0
Farmers,etc.	19.1	23.4	24.6	19.3	18.9	20.7	17.4	24.3
Farm Work	14.0	13.6	16.1	15.6	13.3	19.0	13.5	15.9
Miners,etc.	3.8	*	4.5	6.4	*	4.3	6.2	4.2
Road Drivers	17.1	18.8	16.4	16.7	19.1	17.4	19.8	20.7
Machinists,etc.	37.9	39.3	32.7	42.5	42.2	40.3	38.9	42.1
Electrical,etc.	14.2	15.6	12.8	13.3	12.9	13.7	12.1	12.4
Metalwork.,etc.	4.6	3.3	4.2	4.8	5.1	3.9	3.9	4.1
Carpenters,etc.	12.1	12.4	10.2	13.8	11.3	10.0	10.4	11.0
Painters,etc.	4.9	3.5	4.1	5.5	5.8	4.7	3.7	5.9
Bricklayers,etc.	13.6	16.5	14.6	15.3	15.5	11.3	15.8	14.3
Millers,etc.	7.3	5.8	5.9	4.8	6.9	5.5	7.6	6.8
Operators,etc.	10.1	10.6	9.6	8.6	10.6	9.2	7.8	9.3
Storemen,etc.	12.6	9.3	12.3	7.7	12.0	9.3	10.9	10.0
Labourers	10.7	8.8	14.3	12.2	11.3	9.8	14.3	12.0
Police,etc.	4.2	4.9	4.6	7.0	5.9	6.2	6.7	6.6
Cooks,etc	*	*	*	4.1	*	4.4	6.1	(a)
Cleaners,etc.	4.0	3.9	3.8	3.3	3.2	3.6	3.0	3.8

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 16.6 TASMANIA : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Architects,etc.	1.6	1.2	1.8	2.0	2.2	2.4	1.8	2.2
Teachers	3.5	3.6	3.6	3.8	3.9	3.2	3.6	2.9
Draftsmen,etc.	2.8	1.9	2.0	2.6	2.9	2.4	2.4	2.2
Managers,etc.	6.6	7.3	9.3	5.4	6.8	6.1	8.2	8.1
Clerks	8.8	9.4	8.9	9.6	9.5	8.3	9.5	7.7
Insurance,etc	*	*	1.6	*	*	*	1.1	(a)
Comm.Trav.,etc.	1.1	*	1.3	*	*	*	(a)	1.4
Shop Work,etc.	4.7	6.0	3.7	5.1	4.3	5.6	4.8	5.3
Farmers,etc.	5.9	5.8	5.0	5.5	4.8	6.6	4.3	6.1
Farm Work	4.9	5.1	3.6	4.1	4.1	4.0	3.6	5.0
Miners,etc.	*	*	2.4	2.1	2.3	*	1.6	1.2
Road Drivers	5.7	6.3	6.2	4.9	6.2	5.0	5.6	6.1
Furnacemen,etc.	2.1	2.0	1.8	1.9	1.8	1.8	2.2	1.7
Machinists,etc.	11.6	10.0	11.3	11.4	9.0	8.7	9.4	9.9
Electrical,etc.	5.3	5.0	3.8	5.3	6.0	4.7	4.4	6.7
Carpenters,etc.	5.2	5.7	6.3	6.0	4.9	4.4	4.9	5.2
Painters,etc.	1.2	1.7	1.9	1.0	1.2	*	1.1	1.4
Bricklayers,etc.	3.5	4.0	3.5	3.0	3.3	3.2	2.9	2.8
Millers,etc.	2.9	3.1	2.7	2.5	3.1	3.0	2.5	2.2
Chemical,etc.	1.7	2.5	2.3	2.1	2.5	1.9	1.8	2.3
Operators,etc.	3.2	2.5	2.8	2.7	3.6	3.0	2.8	3.2
Storemen,etc.	3.2	3.5	3.1	3.2	2.4	3.6	3.9	3.2
Labourers	4.5	2.7	3.7	3.7	2.8	4.1	3.8	3.3
Police,etc.	1.5	2.1	2.6	2.3	2.4	1.6	1.7	1.8
Cleaners,etc.	*	*	*	*	*	1.5	1.5	1.1

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 16.7 NORTHERN TERRITORY : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Teachers	*	*	*	*	*	*	*	2.0
Draftsmen,etc.	*	*	*	*	*	*	*	2.2
Managers,etc.	*	*	1.8	1.9	2.9	2.4	4.0	3.6
Clerks	2.0	3.0	2.4	2.8	4.7	2.7	4.0	3.4
Farm work	2.5	2.0	*	*	*	*	*	*
Road Drivers	*	*	2.5	*	*	*	2.1	1.9
Machinists,etc.	4.5	4.5	4.1	3.2	4.2	5.3	4.1	3.8
Electrical,etc.	1.8	*	2.1	2.0	2.6	2.2	2.4	*
Carpenters,etc	2.3	*	*	*	*	*	*	*
Bricklayers,etc.	*	*	1.8	*	2.0	2.4	*	2.4
Operators,etc.	*	*	*	2.1	*	*	*	*
Labourers	2.9	2.0	2.5	2.2	1.8	2.2	1.9	2.6
Police,etc.	*	*	*	2.0	*	1.8	*	*

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected occupation are unreliable, that occupation has been ommitted.

Table 16.8 A.C.T. : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Architects,etc.	*	*	*	2.0	*	*	2.3	1.8
Teachers	3.0	*	2.3	2.1	2.3	2.6	2.5	2.6
Draftsmen,etc.	2.6	*	2.5	2.7	2.8	2.8	1.9	3.7
Managers,etc.	7.0	9.8	8.4	9.8	10.8	9.2	10.8	12.1
Clerks	9.3	9.3	10.4	9.4	8.2	9.9	10.3	9.0
Shop Work,etc.	2.9	2.1	2.6	2.4	2.3	3.1	2.3	2.2
Road Drivers	2.1	2.2	2.1	2.3	*	*	1.7	2.4
Machinists,etc.	3.8	2.5	4.0	2.8	2.5	3.5	3.5	3.0
Electrical,etc.	*	2.4	*	2.2	*	2.3	1.7	1.7
Carpenters,etc.	2.2	1.9	2.2	1.4	1.9	1.5	*	*
Painters,etc	*	*	*	*	*	*	1.5	(a)
Bricklayers,etc.	2.3	2.8	*	*	2.7	2.6	2.3	4.0
Storemen,etc.	*	*	*	*	*	*	*	1.6
Labourers,etc.	*	*	*	*	*	*	*	1.9
Police,etc.	2.4	*	2.5	2.1	2.1	*	2.2	*

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected occupation are unreliable, that occupation has been ommitted.

Table 16.9 AUSTRALIA : MALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Architects,etc.	61.2	64.3	66.5	79.4	79.6	73.2	72.8	83.7
Teachers	117.6	109.0	109.9	116.8	116.1	122.9	122.4	123.7
Draftsmen,etc.	77.2	80.5	93.8	92.0	97.9	84.4	91.2	99.3
Managers,etc.	309.5	328.9	324.6	328.5	355.7	347.0	363.8	357.9
Clerks	268.6	284.9	278.5	288.1	293.8	276.9	290.7	289.5
Insurance,etc	*	43.5	41.8	40.7	42.8	*	40.7	44.8
Comm.Trav.,etc.	50.6	52.2	51.2	54.7	50.6	53.8	54.0	55.2
Shop Work,etc.	174.9	172.5	173.3	179.0	167.4	161.2	171.2	186.2
Farmers,etc.	187.2	197.6	198.0	197.3	194.6	196.5	202.4	201.9
Farm Work	126.8	132.8	125.0	126.1	130.6	136.5	124.1	129.3
Road Drivers	203.2	209.0	190.8	201.1	198.3	195.8	202.2	203.7
Machinists,etc.	433.5	429.0	374.0	461.1	460.7	418.8	422.5	420.2
Electrical,etc.	150.7	157.4	171.9	162.0	158.0	166.8	165.2	173.4
Metalwork.,etc.	61.2	68.7	70.7	68.7	61.1	52.3	50.4	59.4
Carpenters,etc.	131.7	133.7	135.4	135.5	129.2	112.7	129.5	135.4
Painters,etc.	52.1	54.4	56.5	52.7	55.1	45.7	49.0	51.8
Bricklayers,etc.	136.4	127.4	148.6	147.0	138.7	125.1	143.9	148.5
Millers,etc.	95.9	85.9	91.2	78.0	88.0	87.0	83.5	79.0
Operators,etc.	100.0	84.8	94.9	107.3	96.3	93.8	96.3	94.6
Storemen,etc.	116.6	114.3	160.6	153.7	142.9	134.7	112.0	115.3
Labourers	155.7	147.9	160.6	153.7	142.9	134.7	135.6	154.9
Police,etc.	57.4	60.0	63.9	59.8	63.9	65.7	73.2	60.6
Cooks,etc	*	*	*	40.9	*	43.7	49.6	46.9
Cleaners,etc.	46.9	49.4	43.3	45.4	45.5	46.0	38.7	43.6

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 16A MALES IN SELECTED OCCUPATIONS AS A PERCENTAGE OF TOTAL MALE EMPLOYMENT, BY STATE, 1985. (#)

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	AUST
1.	2.2	2.6	1.6	1.3	1.5	1.9	*	2.7	2.1
2.	(a)	(a)	(a)	1.2	(a)	(a)	(a)	(a)	(a)
3.	2.5	3.5	2.9	3.4	3.1	2.5	5.0	4.0	3.0
4.	2.3	2.6	2.1	2.2	2.5	2.0	5.4	5.6	2.4
5.	9.3	8.4	8.1	8.9	7.7	7.2	8.8	18.2	8.8
6.	7.6	7.1	5.8	7.3	6.0	6.8	8.4	13.5	7.1
7.	1.1	1.2	1.2	(a)	(a)	(a)	*	*	1.1
8.	1.3	1.5	1.3	1.8	1.2	1.2	*	(a)	1.4
9.	4.4	4.6	5.0	4.5	4.7	4.7	*	3.3	4.6
10.	4.1	4.6	6.0	6.7	6.4	5.4	*	(a)	4.9
11.	2.7	2.5	4.3	3.5	4.2	4.4	*	*	3.2
12.	1.2	(a)	(a)	(a)	1.1	1.1	(a)	(a)	(a)
13.	5.4	4.4	4.8	5.0	5.4	5.4	4.8	3.6	5.0
14.	(a)	(a)	(a)	(a)	(a)	1.5	(a)	(a)	(a)
15.	10.1	10.9	9.8	10.1	11.0	8.8	9.5	4.6	10.3
16.	4.7	4.2	4.4	3.2	3.3	5.9	*	2.5	4.2
17.	1.5	1.8	1.3	1.8	1.1	(a)	*	(a)	1.5
18.	3.2	3.1	4.1	3.5	2.9	4.6	*	*	3.3
19.	1.4	(a)	1.4	1.3	1.6	1.2	(a)	(a)	1.3
20.	3.6	3.6	3.8	3.3	3.8	2.5	6.0	6.1	3.6
21.	(a)	1.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)
22.	1.5	2.5	2.2	2.1	1.8	1.9	(a)	(a)	1.9
23.	(a)	(a)	(a)	(a)	(a)	2.0	(a)	(a)	(a)
24.	1.9	2.4	2.7	2.9	2.4	2.8	*	*	2.3
25.	2.7	3.0	2.6	3.2	2.6	2.9	*	2.4	2.8
26.	4.9	2.9	4.1	2.5	3.1	3.0	6.4	2.9	3.8
27.	1.4	1.4	1.4	1.6	1.7	1.6	*	*	1.5
28.	1.2	1.2	1.0	(a)	(a)	(a)	*	*	1.2
29.	1.1	1.2	1.1	(a)	1.0	1.0	(a)	(a)	1.1

(#) The numbers on the left-hand side correspond with occupation titles detailed at the beginning of Tables 16.

(a) These categories involve less than 1% of the State total employed male population for 1985.

* Subject to sampling variability too high for most practical uses.

EMPLOYMENT IN SELECTED OCCUPATIONS.

17. FEMALES EMPLOYED IN SELECTED OCCUPATIONS, BY STATE, 1978-1985. *

TABLES

Table 17.1 New South Wales : Females in Selected Occupations

Table 17.2 Victoria : Females in Selected Occupations

Table 17.3 Queensland : Females in Selected Occupations

Table 17.4 South Australia : Females in Selected Occupations

Table 17.5 Western Australia : Females in Selected Occupations

Table 17.6 Tasmania : Females in Selected Occupations

Table 17.7 Northern Territory : Females in Selected Occupations

Table 17.8 A.C.T. : Females in Selected Occupations

Table 17.9 Australia : Females in Selected Occupations

Table 17A Females in Selected Occupations as a Percentage of Total Female Employment, by State, 1985.

* Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia" (unpublished data).

FEMALES IN SELECTED OCCUPATIONS.

The tables in this section show the total numbers of females employed in selected occupations, disaggregated to the State level. The occupations selected are ones that involve at least one percent of the State total employed female population for 1985.

Occupation titles are abbreviated in the tables but are listed in full below.

1. Nurses : Nurses, including probationers and trainees.
2. Teachers : Teachers.
3. Artists : Artists, Entertainers, Writers and related workers.
4. Draftswomen : Draftswomen and technicians.
5. Managers : Employers, workers on own account, directors and manageresses, other than administrative and executive officials, not elsewhere classified.
6. Bookkeepers : Bookkeepers and cashiers.
7. Typists : Typists and stenographers.
8. Clerks : Other clerical workers.
9. Shop Work : Proprietors, shop keepers, workers on own account, retail and wholesale trade, saleswomen, shop assistants and related workers.
10. Farmers : Farmers and farm manageresses.
11. Farm Work : Farm workers including farm forepersons.
12. Telecomm.: Telephone, telegraph and related telecommunications operators.
13. Tailoresses : Tailoresses, cutters, furriers and related workers.
14. Metalworkers : Metalworkers, metal and electrical production process workers.
15. Millers : Millers, bakers, butchers, brewers and related food and drink workers.
16. Packers : Packers, wrappers and labellers.
17. Housekeepers : Housekeepers, maids, cooks, and related workers.
18. Waitresses : Waitresses and bartenders.
19. Cleaners : Cleaners and caretakers of buildings.
20. Hairdressers : Hairdressers and beauticians.

Table 17.1 NEW SOUTH WALES : FEMALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	43.0	40.2	50.4	45.1	44.9	43.1	49.0	47.2
Teachers	48.7	55.3	57.3	55.6	54.4	53.2	59.8	55.1
Artists,etc	*	*	*	*	*	*	11.8	14.6
Draftswomen,etc.	8.5	10.9	12.6	6.0	6.2	9.8	10.9	9.5
Managers,etc.	15.1	15.9	18.8	17.7	20.8	19.4	21.7	29.1
Bookkeepers,etc.	44.2	41.3	50.6	45.9	48.7	46.0	52.2	46.9
Typists,etc.	80.4	77.8	77.4	77.9	80.0	87.6	81.2	81.3
Clerks	151.7	139.0	148.2	174.7	166.6	179.1	195.5	205.0
Shop Work,etc.	92.4	92.0	95.7	100.4	102.1	92.8	100.5	96.7
Farmers,etc.	13.6	12.0	16.3	19.7	20.8	16.1	20.6	19.1
Farm Work	5.5	5.5	5.9	8.1	*	*	(a)	(a)
Telecomm.	9.3	8.2	8.6	9.6	9.9	7.8	(a)	(a)
Tailoresses,etc.	21.4	24.0	20.1	18.8	17.9	20.6	16.2	16.4
Metalwork.,etc.	13.3	13.0	11.1	11.4	10.5	6.5	(a)	(a)
Packers,etc.	13.2	16.0	11.6	12.2	10.8	7.9	7.9	9.7
Housekeep.,etc.	50.7	48.3	54.6	47.7	45.9	52.2	58.5	54.1
Waitresses,etc.	19.6	21.1	16.9	18.4	17.9	21.4	17.7	18.0
Cleaners,etc.	25.6	22.2	24.8	23.8	24.9	22.4	21.5	24.8
Hairdress.,etc.	9.1	8.5	10.8	8.6	11.1	8.3	11.3	14.4

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 17.2 VICTORIA : FEMALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	31.5	30.4	38.2	39.6	43.1	45.1	39.2	34.1
Teachers	45.4	46.4	49.7	47.7	52.3	49.5	46.5	58.7
Artists,etc	*	*	*	*	*	*	5.4	(a)
Draftswomen,etc.	4.6	5.8	7.2	6.8	8.1	7.8	8.7	(a)
Managers,etc.	12.1	14.4	13.4	14.4	17.1	10.2	14.1	18.5
Bookkeepers,etc.	32.3	35.8	36.9	41.6	37.1	34.6	32.5	34.8
Typists,etc.	43.2	42.4	49.4	47.9	44.2	44.6	58.9	51.9
Clerks	111.5	120.9	115.1	126.4	133.7	132.7	125.3	145.9
Shop Work,etc.	70.1	73.1	76.6	61.5	67.1	75.8	77.1	76.9
Farmers,etc.	16.5	14.5	21.6	19.4	20.1	16.0	18.7	23.7
Farm Work	4.6	5.2	5.9	7.6	5.6	6.7	5.5	(a)
Telecomm.	6.6	6.3	6.9	4.5	3.4	4.1	(a)	(a)
Tailoresses,etc.	26.9	24.1	30.3	26.3	28.4	26.8	31.4	30.4
Metalwork.,etc.	9.0	14.0	7.4	10.3	8.4	9.4	(a)	7.9
Packers,etc.	11.7	12.0	12.8	10.8	8.2	11.3	10.2	11.9
Housekeep.,etc.	44.3	39.5	46.3	47.0	45.1	39.5	42.7	45.4
Waitresses,etc.	6.1	11.3	10.3	9.6	10.4	8.9	15.0	12.3
Cleaners,etc.	15.9	14.2	10.7	9.2	12.6	14.3	16.0	12.0
Hairdress.,etc.	5.4	6.2	5.5	9.3	9.4	8.0	8.1	9.8

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 17.3 QUEENSLAND : FEMALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	16.6	17.6	17.8	15.7	17.1	18.3	18.3	18.3
Teachers	22.5	20.8	23.8	29.3	27.6	28.5	27.3	30.7
Artists,etc	*	*	*	*	*	*	3.7	(a)
Draftswomen,etc.	*	*	4.0	*	5.5	*	3.6	(a)
Managers,etc.	8.8	9.2	12.2	12.9	11.3	16.7	14.6	15.9
Bookkeepers,etc.	15.1	14.3	13.4	13.6	16.0	17.4	18.6	19.6
Typists,etc.	19.1	21.4	19.8	20.1	22.8	18.2	22.4	26.6
Clerks	64.0	61.7	65.0	67.1	69.2	72.5	73.1	76.2
Shop Work,etc.	40.9	43.3	49.6	49.7	46.6	47.7	49.0	52.9
Farmers,etc.	10.2	12.4	12.9	16.7	16.5	14.7	12.7	16.2
Farm Work	5.3	7.5	7.2	5.7	7.4	6.8	5.9	7.6
Telecomm.	4.6	3.8	5.0	*	3.6	3.7	(a)	(a)
Tailorsesses,etc.	5.6	6.0	3.8	6.1	5.1	4.4	5.5	5.9
Packers,etc.	4.5	4.0	5.2	4.2	4.0	4.4	5.6	6.3
Housekeep.,etc.	24.2	23.2	26.6	27.6	23.0	24.0	27.3	28.4
Waitresses,etc.	10.0	6.4	12.8	7.6	9.9	10.2	9.5	10.1
Cleaners,etc.	9.3	8.7	9.8	11.7	10.4	8.5	10.0	13.8
Hairdress.,etc.	4.7	4.8	*	3.5	5.0	3.8	6.5	6.3

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected occupation are unreliable, that occupation has been ommitted.

Table 17.4 SOUTH AUSTRALIA : FEMALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	16.0	14.3	15.4	14.2	16.0	16.9	18.4	15.4
Teachers	17.5	13.0	15.3	14.5	15.5	17.6	16.9	16.1
Artists,etc	*	*	*	*	*	*	1.9	2.6
Draftswomen,etc.	*	*	*	*	*	*	1.9	2.9
Managers,etc.	3.5	4.1	2.8	5.3	4.2	4.5	5.9	6.0
Bookkeepers,etc.	8.6	8.9	7.8	8.8	9.1	10.7	11.7	8.6
Typists,etc.	12.8	13.9	11.0	11.1	12.6	11.4	11.2	10.9
Clerks	36.1	37.7	41.8	42.3	40.3	38.3	41.3	49.7
Shop Work,etc.	25.2	25.4	26.2	26.7	25.0	23.1	27.0	27.9
Farmers,etc.	6.8	7.9	7.9	11.0	9.2	8.1	8.5	8.5
Farm Work	2.9	2.5	*	3.0	*	3.0	2.7	3.9
Telecomm.	*	2.5	*	*	*	*	(a)	(a)
Tailoresses,etc.	4.6	4.1	4.3	3.3	4.7	4.7	3.8	5.1
Metalwork.,etc.	2.7	2.7	*	*	*	*	(a)	(a)
Packers,etc.	2.5	3.1	*	3.4	2.9	4.1	2.3	3.8
Housekeep.,etc.	16.9	17.1	16.8	16.0	15.8	15.0	16.1	15.8
Waitresses,etc.	4.2	3.7	5.6	3.9	4.3	3.1	4.1	6.1
Cleaners,etc.	6.7	6.8	6.8	7.7	7.9	7.9	7.5	7.0
Hairdress.,etc.	4.6	3.3	3.0	3.0	2.6	2.6	3.9	3.8

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State female employed population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 17.5 WESTERN AUSTRALIA : FEMALES IN SELECTED EMPLOYMENT.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	10.3	10.2	12.3	14.0	13.4	12.3	12.5	12.9
Teachers	12.1	11.7	16.0	13.6	11.4	15.4	16.0	16.7
Draftswomen,etc.	*	*	3.2	3.2	*	*	2.7	3.0
Managers,etc.	4.0	4.6	3.4	4.2	4.4	6.5	6.9	6.0
Bookkeepers,etc.	8.4	10.1	12.4	9.6	14.7	14.9	13.1	14.4
Typists,etc.	14.5	10.6	12.6	13.2	10.5	12.9	14.6	14.9
Clerks	37.8	36.1	39.0	42.0	49.1	39.7	47.3	47.2
Shop Work,etc.	25.2	27.2	26.3	26.8	26.3	27.8	27.3	31.2
Farmers,etc.	7.0	7.2	8.2	6.2	7.0	8.4	6.6	8.9
Farm Work	*	2.5	*	4.3	3.1	4.4	2.2	3.6
Telecomm.	*	*	*	2.8	*	*	(a)	(a)
Tailoresses,etc.	2.6	2.7	2.8	3.2	*	*	3.0	2.7
Packers,etc.	3.0	*	*	*	*	*	2.6	(a)
Housekeep,etc.	15.4	16.4	19.7	17.4	18.6	17.1	18.3	19.9
Waitresses,etc.	4.8	5.6	5.6	5.8	7.8	5.2	5.1	5.9
Cleaners,etc.	6.3	6.8	8.1	7.6	9.2	8.4	8.4	8.6
Hairdress.,etc.	*	2.8	*	2.5	*	3.3	2.6	3.2

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected occupation are unreliable, that occupation has been ommitted.

Table 17.6 TASMANIA : FEMALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	5.1	5.7	5.4	4.6	6.0	5.5	5.3	6.3
Teachers	4.8	4.1	5.0	5.9	6.1	5.7	6.6	4.8
Managers,etc.	*	*	*	*	*	*	1.2	*
Bookkeepers,etc.	2.1	2.7	2.3	1.5	1.5	1.5	2.0	1.7
Typists,etc.	4.6	5.2	4.9	3.9	4.6	3.8	4.3	5.7
Clerks	9.3	10.9	11.8	11.0	10.9	11.6	10.6	13.0
Shop work,etc.	7.7	8.3	7.8	7.5	7.7	7.8	7.6	10.2
Farmers,etc.	1.5	1.8	1.9	2.1	2.5	*	1.1	2.7
Millers,etc	*	2.1	*	1.7	*	*	*	1.3
Housekeep.,etc.	4.6	5.5	4.9	4.8	5.0	5.4	5.2	5.2
Waitresses,etc.	*	1.7	1.5	1.8	*	*	1.6	1.5
Cleaners,etc	2.3	2.3	2.1	2.3	2.0	1.6	2.2	1.0

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected occupation are unreliable, that occupation has been omitted.

Table 17.7 NORTHERN TERRITORY : FEMALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	*	*	*	*	*	*	*	1.9
Teachers	*	*	1.9	2.5	2.3	2.5	2.2	1.9
Bookkeepers,etc	*	*	*	1.8	2.0	*	*	*
Typists,etc.	*	*	*	*	*	*	(a)	2.0
Clerks	4.4	4.1	5.1	3.8	3.4	6.8	6.2	6.1
Shop Work,etc.	*	*	*	*	4.1	2.3	2.7	2.0
Housekeep.,etc.	*	*	1.8	2.7	2.2	2.0	1.9	1.9

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected occupation are unreliable, that occupation has been omitted.

Table 17.8 A.C.T. : FEMALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	*	*	*	2.6	*	*	*	2.2
Teachers	3.9	3.2	2.9	3.6	4.0	5.9	4.6	4.8
Managers,etc	*	*	*	*	*	*	1.8	2.1
Bookkeepers,etc	*	*	*	*	*	*	2.6	1.3
Typists,etc.	4.6	4.3	4.0	4.6	3.7	4.7	5.8	6.3
Clerks	12.8	11.4	13.3	14.5	13.6	15.2	14.0	16.4
Shop Work,etc.	4.0	3.9	5.2	3.1	3.9	3.7	5.2	5.4
Housekeep.,etc.	2.3	2.4	2.2	3.3	*	2.8	3.2	3.1
Cleaners,etc.	*	*	*	*	*	*	*	1.3

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected occupation are unreliable, that occupation has been omitted.

Table 17.9 AUSTRALIA : FEMALES IN SELECTED OCCUPATIONS.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Nurses	124.9	120.8	141.2.	136.8	143.9	143.9	144.5	138.3
Teachers	156.6	155.6	171.8	172.8	173.7	178.3	179.9	188.8
Artists,etc	(a)	(a)	(a)	(a)	(a)	(a)	25.6	30.0
Draftswomen,etc.	19.5	24.5	30.4	21.6	25.1	25.5	29.6	26.7
Managers,etc.	45.0	50.2	53.9	57.2	60.8	60.5	66.8	79.0
Bookkeepers,etc	112.9	114.6	125.2	124.6	130.9	127.7	133.6	128.7
Typists,etc	180.5	176.6	180.9	179.8	179.9	184.8	198.5	199.6
Clerks	427.5	421.9	439.3	481.9	486.8	495.8	513.4	559.7
Shop Work,etc	266.4	274.8	288.6	276.9	282.8	280.9	296.4	303.3
Farmers,etc.	55.6	55.9	68.8	75.2	76.4	64.8	68.5	79.4
Farm Work	20.6	24.4	24.9	29.5	23.0	27.3	25.8	26.0
Telecomm.	25.6	24.1	25.8	22.8	22.1	20.6	(a)	(a)
Tailoresses,etc	61.8	61.3	62.0	58.9	59.6	60.2	60.9	61.4
Metalwork.,etc.	25.8	31.1	21.8	23.9	22.1	18.7	(a)	(a)
Packers,etc	35.6	37.4	35.0	33.5	28.5	29.8	29.3	34.1
Housekeep.,etc	160.0	154.4	172.8	166.6	157.3	158.0	173.2	173.8
Waitresses,etc	46.7	50.6	54.0	48.3	52.5	51.6	53.8	55.7
Cleaners,etc.	68.0	62.5	64.4	63.4	68.8	65.0	67.7	69.0
Hairdress.,etc	27.4	27.9	25.9	28.7	31.3	27.3	33.8	38.9

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 17A FEMALES IN SELECTED OCCUPATIONS AS A PERCENTAGE OF TOTAL FEMALE EMPLOYMENT, BY STATE, 1985. (#)

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	AUST
1.	5.4	4.9	4.6	6.9	5.5	9.7	8.0	4.0	5.4
2.	6.3	8.5	7.8	7.3	7.1	7.4	8.1	9.0	7.4
3.	1.7	(a)	(a)	1.2	(a)	(a)	*	*	1.2
4.	1.1	(a)	(a)	1.3	1.3	(a)	*	*	1.1
5.	3.4	2.7	4.0	2.7	2.5	*	*	3.8	3.1
6.	5.4	5.0	5.0	3.9	6.1	2.6	*	2.4	5.0
7.	9.4	7.5	6.7	4.9	6.3	8.7	8.6	11.8	7.8
8.	23.6	21.1	19.3	22.3	20.1	20.1	25.6	30.6	21.9
9.	11.1	11.1	13.4	12.5	13.2	15.7	8.6	10.1	11.9
10.	2.2	3.4	4.1	3.8	3.8	4.1	(a)	(a)	3.1
11.	(a)	(a)	1.9	1.8	1.5	*	(a)	(a)	1.0
12.	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
13.	1.9	4.4	1.5	2.3	1.3	(a)	(a)	(a)	2.4
14.	(a)	1.1	(a)	(a)	(a)	(a)	(a)	(a)	(a)
15.	(a)	(a)	(a)	(a)	(a)	1.9	(a)	(a)	(a)
16.	1.1	1.7	1.6	1.7	(a)	(a)	*	(a)	1.3
17.	6.2	6.6	7.2	7.1	8.5	8.0	7.9	5.8	6.8
18.	2.1	1.8	2.6	2.7	2.5	2.4	*	*	2.2
19.	2.9	1.7	3.5	3.2	3.7	1.6	*	2.4	2.7
20.	1.7	1.4	1.6	1.7	1.4	*	(a)	(a)	1.5

(#) The numbers on the left-hand side correspond with occupation titles detailed at the beginning of Tables 17.

(a) These categories involve less than 1% of State total employed female population for 1985.

* Subject to sampling variability too high for most practical uses.

EMPLOYMENT IN SELECTED INDUSTRIES.

18. MALES EMPLOYED IN SELECTED INDUSTRIES, BY STATE, 1978-1985.*

TABLES

Table 18.1 New South Wales : Males in Selected Industries

Table 18.2 Victoria : Males in Selected Industries

Table 18.3 Queensland : Males in Selected Industries

Table 18.4 South Australia : Males in Selected Industries

Table 18.5 Western Australia : Males in Selected Industries

Table 18.6 Tasmania : Males in Selected Industries

Table 18.7 Northern Territory : Males in Selected Industries

Table 18.8 A.C.T. : Males in Selected Industries

Table 18.9 Australia : Males in Selected Industries

Table 18A Males in Selected Industries as a Percentage of Total Male Employment, by State, 1985.

* Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia" (unpublished data).

MALES IN SELECTED INDUSTRIES.

The tables in this section show the total numbers of males employed in selected industries, disaggregated to the State level. The industries selected are ones that involve at least one percent of the State total employed male population for 1985.

Industry titles are abbreviated in the tables but are listed in full below.

1. Agriculture,etc. : Agriculture and services to agriculture.
2. Forestry, etc. : Forestry and logging.
3. Metallic Minerals : Metallic mineral mining.
4. Coal Mining : Coal mining.
5. Food,etc. : Food, beverages and tobacco manufacturing.
6. Textiles : Textile manufacturing.
7. Wood,etc. : Wood, wood products and furniture manufacturing.
8. Paper,etc. : Paper and paper products manufacturing, printing and publishing.
9. Chemical,etc. : Chemical, petrol and coal manufacturing.
10. Non-metal Min. : Non-metallic mineral product manufacturing.
11. Base Metal : Basic metal product manufacturing.
12. Fabricated Metal : Fabricated metal product manufacturing.
13. Transport Equip. : Transport equipment manufacturing.
14. Elect.,Gas : Electricity and gas.
15. Water,Sewer.,Drain. : Water, sewerage and drainage.
16. Gen. Construct. : General construction.
17. Spec.Trade Const. : Special trade construction.
18. Wholesale Trade : Wholesale trade.
19. Retail Trade : Retail trade.

20. Road Transport : Road transport.

21. Rail Transport : Rail transport.

22. Water Transport : Water transport.

23. Air Transport : Air transport.

24. Communications : Communications.

25. Finance,Invest. : Finance and investment.

26. Insurance, etc. : Insurance and services to insurance.

27. Property, etc. : Property and business services.

28. Public Admin. : Public administration.

29. Defence : Defence.

30. Health : Health.

31. Education,etc : Education, museum and library services.

32. Welfare : Welfare and religious institutions.

33. Entertainment : Entertainment and recreational services.

34. Restaurants,etc. : Restaurants, hotels and clubs.

Table 18.1 NEW SOUTH WALES : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	74.9	82.9	82.4	80.3	80.7	90.1	86.7	82.4
Coal Mining	17.6	20.0	20.6	20.5	21.2	23.6	23.1	24.3
Food,etc.	46.1	43.6	41.5	38.2	42.6	41.2	41.3	33.3
Wood,etc.	29.3	25.2	25.3	24.3	24.7	19.2	23.2	25.2
Paper,etc.	24.9	30.5	27.3	28.6	26.5	31.4	32.2	22.4
Chemical,etc.	13.8	21.5	24.6	18.8	20.7	17.0	17.7	16.5
Non-metal Min.	18.7	18.2	16.7	15.6	16.6	15.1	16.2	(a)
Base Metal	48.2	52.7	55.1	60.5	50.1	42.2	38.8	41.6
Fabricated Metal	31.5	35.5	36.0	41.1	34.6	33.6	29.9	27.0
Transport Equip.	27.0	38.4	39.2	35.6	31.9	26.8	27.8	25.1
Elect., Gas	26.8	26.0	28.4	23.1	24.5	30.1	28.6	31.3
Water,Sew.,Drain.	13.0	16.1	16.1	14.3	15.7	16.4	19.7	18.3
Gen. Construct.	79.1	14.8	72.4	70.9	75.2	46.9	59.3	61.0
Spec. Trade Cons.	59.3	58.4	75.3	76.7	81.8	62.2	77.0	76.6
Wholesale Trade	97.8	86.5	91.0	109.0	95.7	89.9	98.0	107.5
Retail Trade	162.1	156.8	163.4	155.8	147.2	147.6	145.5	154.6
Road Transport	53.1	52.1	53.9	53.1	54.9	54.2	48.6	54.7
Rail Transport	25.5	27.5	30.8	26.7	30.9	28.1	26.6	34.2
Air Transport	*	*	*	*	*	*	14.4	14.7
Communications	33.4	40.0	33.5	33.4	32.4	37.5	35.8	44.7
Finance, Invest.	30.9	32.3	32.5	37.3	33.4	34.2	35.2	38.8
Insurance,etc.	14.5	14.5	15.7	*	15.4	14.7	(a)	14.0
Property,etc.	50.6	60.3	57.0	68.9	68.8	62.8	70.3	84.6
Public Admin.	54.7	48.6	51.6	50.0	55.5	63.7	58.1	50.8
Health	36.3	39.6	37.6	35.5	39.4	36.4	38.1	40.6
Education,etc.	47.0	42.9	47.9	50.5	48.1	51.4	53.4	52.5
Entertainment,etc.	17.3	15.4	17.1	22.0	21.8	18.2	27.7	22.0
Restaurants,etc.	35.6	41.6	33.6	32.2	37.3	36.1	36.3	33.8

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 18.2 VICTORIA : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	66.1	68.2	67.1	67.6	66.3	62.8	65.9	65.3
Food,etc.	39.8	39.1	38.2	35.9	35.6	40.8	37.3	39.4
Wood,etc.	19.5	15.3	19.0	21.0	17.4	20.7	24.6	22.1
Paper,etc.	23.6	26.7	27.6	23.6	27.3	26.2	27.0	27.9
Chemical,etc.	17.7	17.6	17.8	19.7	17.5	13.7	14.2	18.1
Non-metal Min.	12.0	11.0	11.8	10.8	9.3	10.8	13.8	11.6
Base Metal	9.8	12.5	8.7	12.9	13.5	16.4	11.9	(a)
Fabricated Metal	26.9	23.9	26.7	27.7	29.4	28.3	29.8	29.0
Transport Equip.	50.4	49.1	50.3	47.3	46.1	39.2	45.8	41.6
Elect., Gas	23.8	25.0	27.9	24.8	26.8	21.1	30.7	26.2
Water,Sew.,Drain.	7.4	8.1	11.9	10.3	11.6	9.4	11.3	(a)
Gen. Construct.	61.3	51.9	45.8	45.8	37.8	37.5	36.3	34.6
Spec.Trade Cons.	48.1	46.4	50.2	55.0	52.5	49.0	49.6	61.0
Wholesale Trade	69.1	67.4	65.3	75.0	67.4	63.1	64.5	79.1
Retail Trade	124.7	129.6	131.3	113.4	122.5	116.0	122.9	120.1
Road Transport	34.8	40.9	29.6	38.3	36.1	39.7	34.0	38.2
Rail Transport	17.2	22.3	20.4	19.7	21.3	20.5	19.2	13.0
Communications	32.2	25.9	22.0	27.1	28.2	30.6	26.8	26.8
Finance, Invest.	27.0	21.4	27.2	29.7	25.8	29.8	23.9	28.6
Insurance,etc.	*	11.3	10.8	12.6	12.1	11.5	15.7	12.4
Property,etc.	33.7	39.9	42.2	42.8	48.4	37.8	52.7	58.6
Public Admin.	42.6	46.7	44.8	45.0	44.1	48.1	43.1	47.0
Health	20.6	24.5	22.0	24.6	22.2	30.1	26.8	27.9
Education,etc.	50.0	44.5	42.2	48.5	49.2	46.0	51.1	54.8
Entertainment,etc.	13.2	8.8	10.7	17.2	11.8	12.9	14.2	16.1
Restaurants,etc.	17.5	14.2	20.5	22.7	19.1	22.2	24.7	20.0

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 18.3 QUEENSLAND : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	60.7	67.7	60.6	59.8	68.4	60.8	60.6	61.0
Metallic minerals	8.3	8.3	*	*	*	7.1	(a)	6.8
Food,etc.	28.8	34.0	29.9	26.5	25.2	33.5	26.9	24.7
Wood,etc.	12.7	13.0	12.5	12.3	12.9	13.3	13.7	10.8
Paper,etc.	6.5	6.9	8.3	7.4	7.4	7.3	9.1	8.7
Chemical,etc.	*	4.0	4.0	*	*	3.2	(a)	(a)
Non-metal Min.	6.5	6.7	6.9	8.4	8.9	8.2	5.0	(a)
Base Metal	6.0	5.0	5.9	5.9	6.5	8.6	6.5	(a)
Fabricated Metal	11.1	10.1	15.2	14.4	13.0	9.9	12.4	12.8
Transport Equip.	12.6	12.8	13.9	13.9	11.6	8.6	10.0	10.4
Elect., Gas	11.0	9.4	10.4	9.4	13.2	14.0	11.3	11.3
Water,Sew.,Drain.	*	*	*	5.4	3.6	3.9	4.1	(a)
Gen. Construct.	52.9	61.3	57.6	44.1	40.3	37.4	33.6	36.4
Spec.Trade Cons.	28.3	28.7	35.3	35.6	39.5	31.8	35.5	39.5
Wholesale Trade	40.2	40.4	43.7	46.2	43.9	42.1	47.4	47.1
Retail Trade	76.6	71.9	72.0	71.9	73.3	77.4	76.5	78.1
Road Transport	16.7	21.0	21.1	22.1	21.0	24.1	24.1	21.1
Rail Transport	10.7	10.7	14.5	16.4	19.3	18.5	17.8	23.9
Communications	12.0	11.3	8.8	16.5	16.1	15.8	16.2	21.1
Finance, Invest.	9.7	10.3	13.1	11.8	11.4	12.4	12.2	11.6
Property,etc.	19.3	21.5	25.6	26.4	29.9	26.7	31.9	31.2
Public Admin.	22.3	21.3	15.4	28.2	27.7	25.6	30.4	30.0
Health	11.9	14.5	16.6	12.0	12.6	15.9	18.8	16.4
Education,etc.	18.2	20.3	19.9	25.0	24.5	25.8	25.5	28.3
Entertainment,etc.	4.8	5.5	6.4	8.7	5.8	6.6	9.1	8.0
Restaurants,etc.	11.2	12.0	13.0	15.9	16.8	11.2	18.1	17.1

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 18.4 SOUTH AUSTRALIA : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	29.7	30.8	30.7	34.3	30.5	31.5	31.4	31.7
Food,etc.	13.0	13.8	11.4	10.9	12.2	14.4	13.0	10.6
Wood,etc.	7.9	7.8	6.5	9.2	8.0	7.3	6.5	7.6
Paper,etc.	5.7	4.9	5.9	6.2	5.7	5.7	6.4	6.1
Chemical,etc.	*	*	*	*	*	3.5	2.7	(a)
Non-metal Min.	3.4	3.1	4.2	3.5	*	3.4	2.6	(a)
Base Metal	9.2	10.3	12.0	10.4	12.5	9.8	7.6	7.2
Fabricated Metal	7.3	7.2	5.7	9.5	9.0	7.3	6.6	5.4
Transport Equip.	18.3	18.0	19.2	16.6	18.4	15.6	16.1	15.9
Elect., Gas	5.3	6.1	5.2	6.3	5.5	5.5	6.0	5.3
Water,Sew.,Drain.	4.7	3.1	4.3	3.6	3.8	4.4	4.2	3.6
Gen. Construct.	25.5	20.7	16.5	14.5	9.4	10.3	13.8	14.1
Spec.Trade Cons.	16.6	13.4	15.4	17.8	16.9	17.9	18.2	19.7
Wholesale Trade	22.6	25.7	24.2	24.9	23.4	23.2	25.3	22.8
Retail Trade	42.5	38.9	39.6	37.6	38.1	36.8	38.3	39.8
Road Transport	13.6	14.2	10.3	12.4	12.1	9.6	12.5	13.0
Rail Transport	7.5	6.2	6.3	6.0	6.5	5.5	6.1	5.4
Communications	9.1	8.9	8.8	9.0	8.1	8.5	9.2	7.9
Finance, Invest.	6.0	7.8	8.3	7.0	7.6	7.2	7.9	8.2
Property,etc.	8.7	9.0	10.8	9.8	14.2	12.3	12.8	15.1
Public Admin.	12.3	12.5	9.9	11.6	11.9	12.2	14.7	13.7
Health	9.7	9.8	9.2	11.7	11.2	9.3	9.2	11.4
Education,etc.	13.2	16.0	16.4	13.8	15.3	14.2	15.7	16.2
Welfare,etc	*	*	*	3.8	*	3.4	(a)	3.5
Entertainment,etc.	3.7	5.1	4.8	3.5	3.4	3.7	4.6	5.0
Restaurants,etc.	5.8	6.3	6.6	6.2	6.2	5.4	6.7	7.1

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a) respectively.

Table 18.5 WESTERN AUSTRALIA : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	28.7	33.7	35.7	30.8	27.9	35.0	26.7	35.0
Metallic minerals	11.9	9.9	12.6	15.1	13.9	15.1	16.4	16.1
Food,etc.	9.7	7.2	8.2	7.0	8.5	7.5	10.1	8.1
Wood,etc.	6.2	7.9	7.3	9.7	6.4	7.5	6.9	6.9
Paper,etc.	4.4	5.6	4.7	3.6	4.9	5.4	5.2	5.0
Chemical,etc.	3.4	2.9	4.0	3.2	3.3	2.6	3.8	(a)
Non-metal Min.	5.0	4.2	5.0	4.4	5.3	3.6	5.3	4.1
Base Metal	6.1	6.6	5.4	7.6	6.0	5.0	5.7	7.8
Fab. Metal	8.4	7.5	8.1	8.9	10.2	9.1	6.8	8.9
Transport Equip.	6.1	5.3	4.0	5.1	3.1	4.0	4.9	5.0
Elect., Gas	5.1	5.4	5.3	4.9	5.3	6.3	4.9	3.9
Water,Sew.,Drain.	3.3	3.9	3.1	4.0	4.9	6.1	6.0	5.6
Gen. Construct.	20.0	20.5	19.5	16.7	17.6	14.5	15.2	14.1
Spec.Trade Cons.	22.0	21.3	22.6	25.1	25.1	17.8	20.7	25.6
Wholesale Trade	26.5	23.1	23.4	23.3	25.2	24.7	27.4	23.7
Retail Trade	37.8	38.8	38.3	39.6	39.6	38.2	46.0	43.8
Road Transport	12.8	11.9	11.3	11.7	12.8	12.8	14.1	16.0
Rail Transport	6.4	6.6	7.2	9.4	9.3	7.3	5.6	6.9
Communications	8.6	7.4	8.0	6.5	7.4	7.0	7.0	7.3
Finance, Invest.	6.4	6.8	6.2	6.5	7.3	6.5	8.3	7.4
Property,etc.	12.3	15.0	16.0	18.4	18.2	18.7	18.5	20.9
Public Admin.	16.0	13.6	13.8	14.0	12.2	13.3	16.8	14.3
Health	11.0	10.7	9.1	10.0	12.1	11.4	13.5	13.1
Education,etc.	14.4	15.9	16.7	15.8	14.6	17.9	14.7	16.4
Welfare,etc.	*	*	4.0	*	*	4.7	(a)	3.9
Entertainment,etc.	2.3	4.5	5.4	4.2	5.0	4.3	5.7	5.6
Restaurants,etc.	4.9	4.8	7.6	6.1	6.0	6.2	7.7	8.0

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 18.6 TASMANIA : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc	9.5	9.0	7.7	8.5	7.7	9.3	6.8	9.3
Forestry,etc	1.5	2.1	*	*	1.6	*	1.5	1.3
Metallic minerals	2.0	2.7	3.6	3.7	4.4	2.7	3.3	2.1
Food,etc.	4.1	3.6	3.7	3.7	4.1	3.4	4.0	3.7
Textiles	*	*	*	*	*	*	(a)	1.3
Wood,etc	3.5	3.9	3.6	3.9	2.7	2.7	3.3	2.7
Paper,etc.	5.9	5.2	4.5	5.4	4.6	4.7	4.0	4.8
Non-metal Min.	*	*	1.6	*	*	*	(a)	(a)
Base Metal	4.3	4.4	4.4	3.5	3.0	3.7	4.3	3.4
Fabricated Metal	*	*	*	1.7	1.8	1.5	1.6	(a)
Elect., Gas	2.9	3.0	3.1	2.9	3.2	5.2	5.0	5.5
Gen. Construct.	9.8	9.0	7.8	9.2	6.4	4.7	4.8	5.2
Spec. Trade Cons.	4.6	4.6	5.9	3.8	5.9	4.7	4.5	6.6
Wholesale Trade	6.7	7.1	6.5	7.5	6.8	5.8	6.8	6.9
Retail Trade	12.7	13.4	13.2	12.0	11.0	11.6	10.3	12.0
Road Transport	4.0	3.9	4.4	3.5	4.4	3.4	4.0	4.0
Rail Transport	2.0	*	*	*	*	*	(a)	1.4
Water Transport	1.3	*	1.3	*	*	1.6	1.4	1.2
Communications	3.0	3.4	2.4	3.4	3.1	3.3	2.5	3.0
Finance,Invest.	2.1	2.3	2.8	2.2	2.3	1.9	2.6	2.1
Insurance,etc	*	*	*	*	*	*	(a)	1.4
Property,etc.	3.6	1.9	3.1	2.8	2.3	3.5	3.1	3.1
Public Admin.	5.5	5.8	6.5	4.9	5.0	6.8	7.2	6.1
Health	2.7	2.8	2.6	3.3	3.3	2.4	2.9	4.0
Education,etc.	5.3	4.5	5.0	5.6	6.0	5.4	5.6	5.2
Entertainment,etc	1.9	1.3	1.7	1.6	2.2	2.2	2.3	1.8
Restaurants,etc	1.8	2.5	1.7	2.3	2.0	1.5	2.2	1.9

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected industry are unreliable, that industry has been ommitted.

Table 18.7 NORTHERN TERRITORY : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	2.4	*	*	*	*	*	*	2.2
Metallic minerals	3.0	4.0	*	3.8	*	5.2	2.7	2.6
Gen. Const.	4.3	2.8	3.6	2.3	3.5	*	3.1	1.9
Spec.Trade Const.	2.0	2.6	2.5	2.5	3.9	3.4	1.9	4.7
Wholesale Trade	2.0	*	2.0	*	2.2	*	2.5	2.5
Retail Trade	3.6	2.6	2.4	2.7	2.4	2.6	2.8	3.6
Property,etc	*	*	*	*	*	*	*	1.9
Public Admin.	2.5	3.9	7.3	6.3	5.6	5.3	7.1	5.7
Education,etc.	*	1.9	*	2.1	2.3	2.5	*	2.7

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected industry are unreliable, that industry has been omitted.

Table 18.8 A.C.T. : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Paper,etc	*	*	*	*	*	*	1.4	*
Gen. Const.	4.7	5.0	3.3	2.3	3.4	3.3	2.4	6.0
Spec.Trade Const.	3.8	2.3	3.7	3.2	3.6	3.3	4.1	3.9
Wholesale Trade	2.0	*	2.2	2.1	2.4	*	2.2	3.3
Retail Trade	6.4	5.5	6.7	6.4	6.0	7.1	5.2	6.0
Road Transport	*	*	*	*	*	*	1.7	1.7
Finance, Invest.	*	*	*	*	*	*	1.5	*
Property,etc.	*	2.9	*	2.8	3.0	3.8	3.5	2.8
Public Admin.	14.5	16.7	15.4	16.4	15.2	17.1	17.6	16.1
Defence	3.2	2.5	4.0	3.3	2.3	2.3	3.0	3.2
Health	*	*	*	*	*	*	*	1.3
Education,etc.	5.9	4.5	5.8	6.2	5.1	5.4	5.6	5.6
Entertainment,etc	*	*	*	*	*	*	2.3	2.0
Restaurants,etc	*	*	*	*	*	*	2.2	*

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected industry are unreliable, that industry has been omitted.

Table 18.9 AUSTRALIA : MALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	272.2	293.8	285.2	281.9	281.7	290.2	279.3	287.4
Food,etc.	142.1	141.8	133.4	122.5	129.9	141.7	133.1	119.9
Wood,etc.	79.3	73.5	74.6	80.8	72.5	71.8	78.8	76.4
Paper,etc.	71.8	81.7	80.3	75.7	78.2	82.1	85.4	76.2
Chemical,etc.	40.0	48.7	54.0	46.2	47.7	40.7	41.7	44.7
Non-metal Min.	46.6	44.2	46.7	44.3	43.5	42.4	43.9	(a)
Base Metal	83.5	91.5	91.7	100.8	91.8	85.7	74.6	74.6
Fabricated Metal	87.0	86.8	93.2	104.6	99.0	90.3	88.7	85.6
Transport Equip.	115.4	124.4	127.6	119.2	111.9	95.1	105.2	98.8
Elect., Gas	76.2	76.6	81.0	73.2	79.0	83.4	88.4	83.8
Water,Sew.,Drain.	30.4	33.0	38.8	38.4	40.2	41.4	45.8	42.9
Gen. Construct.	257.7	246.1	226.5	205.8	193.6	156.3	168.5	173.3
Spec.Trade Cons.	184.7	177.8	210.9	219.7	229.3	190.1	211.6	237.5
Wholesale Trade	266.8	252.9	258.3	289.7	267.0	252.1	274.0	292.8
Retail Trade	466.5	457.6	467.0	439.3	440.2	437.3	447.5	458.0
Road Transport	137.4	147.1	133.6	143.2	143.0	146.6	139.7	150.1
Rail Transport	69.2	74.8	80.1	79.3	88.7	81.0	76.3	84.9
Communications	100.4	97.5	85.4	97.8	96.9	104.4	99.7	112.3
Finance, Invest.	83.0	81.7	91.5	95.9	89.3	94.2	91.7	98.2
Property,etc.	129.8	151.5	157.4	173.3	185.4	167.1	193.3	218.1
Public Admin.	170.3	169.1	164.7	176.4	177.3	192.0	195.0	183.6
Health	93.3	104.8	99.1	99.7	102.7	108.7	110.9	115.7
Education,etc.	155.5	150.5	155.6	167.5	165.2	168.5	173.0	181.8
Entertainment,etc.	45.1	42.0	46.8	60.1	52.1	50.0	66.2	61.4
Restaurants,etc.	78.7	84.1	84.7	87.8	90.6	85.2	98.8	90.8

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the Australian employed male population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

TABLE 18A MALES IN SELECTED INDUSTRIES AS A PERCENTAGE OF TOTAL EMPLOYMENT, BY STATE, 1985. (#)

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	AUST
1.	5.9	6.0	9.4	9.2	9.2	8.3	5.3	(a)	7.0
2.	(a)	(a)	(a)	(a)	(a)	1.1	(a)	(a)	(a)
3.	(a)	(a)	1.0	(a)	4.2	1.9	6.3	(a)	(a)
4.	1.7	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
5.	2.4	3.6	3.8	3.1	2.1	3.3	*	(a)	2.9
6.	(a)	(a)	(a)	(a)	(a)	1.2	(a)	(a)	(a)
7.	1.8	2.0	1.7	2.2	1.9	2.4	(a)	*	1.9
8.	1.6	2.6	1.3	1.8	1.3	4.3	*	*	1.9
9.	1.2	1.7	(a)	(a)	(a)	(a)	(a)	(a)	1.1
10.	(a)	1.1	(a)	(a)	1.1	(a)	(a)	(a)	(a)
11.	3.0	(a)	(a)	2.1	2.1	3.0	(a)	(a)	1.8
12.	1.9	2.7	2.0	1.6	2.3	(a)	(a)	*	2.1
13.	1.8	3.8	1.6	4.6	1.3	(a)	*	(a)	2.4
14.	2.2	2.4	1.7	1.5	1.0	4.9	(a)	(a)	2.1
15.	1.3	(a)	(a)	1.0	1.5	(a)	(a)	(a)	1.1
16.	4.4	3.2	5.6	4.1	3.7	4.7	4.7	9.1	4.2
17.	5.5	5.6	6.1	5.7	6.7	5.9	11.6	5.9	5.8
18.	7.7	7.2	7.2	6.6	6.2	6.1	6.2	4.9	7.2
19.	11.1	11.0	12.0	11.5	11.5	10.7	9.0	9.0	11.2
20.	3.9	3.5	3.3	3.8	4.2	3.6	*	2.5	3.7
21.	2.5	1.2	3.7	1.6	1.8	1.2	(a)	(a)	2.1
22.	(a)	(a)	(a)	(a)	(a)	1.1	(a)	(a)	(a)
23.	1.1	(a)	(a)	(a)	(a)	(a)	*	(a)	(a)
24.	3.2	2.5	3.2	2.3	1.9	2.7	*	*	2.8
25.	2.8	2.6	1.8	2.4	2.0	1.9	*	*	2.4
26.	1.0	1.1	(a)	(a)	(a)	1.2	*	*	(a)
27.	6.1	5.4	4.8	4.4	5.5	2.8	4.7	4.2	5.3
28.	3.6	4.3	4.6	4.0	3.7	5.4	14.0	24.3	4.5
29.	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.8	(a)
30.	2.9	2.6	2.5	3.3	3.4	3.6	*	2.0	2.8
31.	3.8	5.0	4.4	4.7	4.3	4.7	6.6	8.5	4.5
32.	(a)	(a)	(a)	1.0	1.0	(a)	(a)	(a)	(a)
33.	1.6	1.5	1.2	1.5	1.5	1.6	*	3.1	1.5
34.	2.4	1.8	2.6	2.1	2.1	1.7	*	*	2.2

(#) The numbers on the left-hand side correspond with industry titles detailed at the beginning of Tables 18.

(a) These categories involve less than 1% of the State total employed male population for 1985.

* Subject to sampling variability too high for most practical uses.

EMPLOYMENT IN SELECTED INDUSTRIES.

19. FEMALES EMPLOYED IN SELECTED INDUSTRIES, BY STATE, 1978-1985.*

TABLES

Table 19.1 New South Wales : Females in Selected Industries

Table 19.2 Victoria : Females in Selected Industries

Table 19.3 Queensland : Females in Selected Industries

Table 19.4 South Australia : Females in Selected Industries

Table 19.5 Western Australia : Females in Selected Industries

Table 19.6 Tasmania : Females in Selected Industries

Table 19.7 Northern Territory : Females in Selected Industries

Table 19.8 A.C.T. : Females in Selected Industries

Table 19.9 Australia : Females in Selected Industries

Table 19A Females in Selected Industries as a Percentage of Total Female Employment, by State, 1985.

* Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia" (unpublished data).

FEMALES IN SELECTED INDUSTRIES.

The tables in this section show the total numbers of females employed in selected industries, disaggregated to the State level. The industries selected are ones that involve at least one percent of the State total employed female population for 1985.

Industry titles are abbreviated in the tables but are listed in full below.

1. Agriculture,etc. : Agriculture and services to agriculture.
2. Food,etc. : Food, beverages and tobacco manufacturing.
3. Textiles : Textiles.
4. Clothing,etc. : Knitting mills and clothing.
5. Paper,etc. : Paper and paper products manufacturing, printing and publishing.
6. Fabricated Metal : Fabricated metal products.
7. Transport Equip. : Transport equipment.
8. General Const. : General construction.
9. Spec.Trade Const. : Special trade construction.
10. Wholesale Trade : Wholesale trade.
11. Retail Trade : Retail trade.
12. Road Transport : Road transport.
13. Communications : Communications.
14. Finance,Invest. : Finance and investment.
15. Insurance,etc. : Insurance and services to insurance.
16. Property,etc. : Property and business services.
17. Public Admin. : Public administration.
18. Defence : Defence.
19. Health : Health.
20. Education,etc. : Education, museum and library services.
21. Welfare,etc. : Welfare and religious institutions.
22. Entertainment,etc. : Entertainment and recreational services.
23. Restaurants,etc. : Restaurants, hotels and clubs.
24. Personal Services : Personal services.

Table 19.1 NEW SOUTH WALES : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc	20.3	17.6	22.8	29.0	27.9	22.1	28.5	25.4
Food,etc.	17.9	16.2	13.8	14.9	14.0	13.6	16.3	17.0
Clothing,etc.	20.6	21.8	19.3	18.2	18.1	21.0	16.8	15.1
Paper,etc.	8.2	16.4	11.2	13.1	14.3	11.7	12.8	12.4
Fabricated metal	9.6	*	*	9.5	8.5	*	8.8	8.8
Spec.Trade Const.	6.9	5.8	8.9	7.6	8.3	6.8	(a)	10.0
Wholesale Trade	35.3	38.1	37.9	46.7	43.0	38.2	42.5	44.4
Retail Trade	143.0	138.1	153.8	152.4	149.7	147.4	152.1	152.9
Road Transport	9.3	7.7	8.9	9.3	10.2	7.3	(a)	9.0
Communications	10.1	9.6	10.3	13.0	12.9	12.8	12.2	15.8
Finance,Invest.	27.1	27.1	29.9	31.4	35.1	39.5	43.6	47.8
Insurance,etc.	17.6	10.0	14.3	9.2	15.8	15.6	11.5	16.2
Property,etc.	54.4	50.2	54.2	56.6	59.6	59.2	69.9	64.6
Public Admin.	25.6	23.6	23.1	27.0	24.8	28.9	29.1	32.8
Health	101.6	102.7	112.0	98.5	100.9	107.2	115.2	113.4
Education,etc.	68.9	76.3	84.7	82.0	75.7	79.9	94.4	81.9
Welfare,etc.	5.1	9.2	11.9	15.3	17.0	20.0	19.3	22.8
Entertainment,etc.	14.1	10.3	13.2	12.9	16.0	15.0	13.6	21.1
Restaurants,etc.	45.6	41.5	42.4	43.0	42.3	46.1	40.7	39.2
Personal Services	22.0	21.6	19.2	14.5	21.0	16.4	20.4	23.3

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 19.2 VICTORIA : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc	20.9	21.5	27.7	26.8	25.9	23.2	24.5	26.7
Food,etc.	13.8	12.1	15.8	15.2	14.0	14.7	15.0	15.9
Textiles	9.7	8.1	10.1	6.5	8.0	6.9	8.2	7.3
Clothing,etc.	30.5	27.2	33.5	28.7	27.0	26.5	31.6	31.4
Paper,etc.	7.8	10.0	11.0	11.3	11.8	11.3	10.2	12.9
Transport Equip.	11.2	12.3	11.9	10.7	8.7	8.8	8.0	10.2
Spec.Trade Const.	5.0	7.9	5.0	5.8	4.2	6.4	(a)	8.7
Wholesale Trade	25.9	28.2	30.2	29.0	27.3	27.1	25.7	29.3
Retail Trade	113.6	119.9	117.0	105.6	113.4	108.6	118.1	114.1
Road Transport	4.8	6.5	4.5	6.9	7.2	7.4	(a)	7.3
Communications	6.8	8.4	7.7	9.1	9.0	10.1	8.3	9.9
Finance,Invest.	15.2	22.7	17.5	29.1	27.2	24.3	22.5	23.0
Insurance,etc.	6.6	11.0	8.7	8.0	11.8	10.0	11.4	9.1
Property,etc.	31.0	26.1	28.7	32.4	34.2	34.1	35.2	39.4
Public Admin.	21.4	19.8	26.0	27.4	22.9	26.1	27.3	34.1
Health	67.7	69.2	77.5	79.4	84.7	86.5	88.9	83.0
Education,etc.	68.5	66.3	74.2	68.4	78.1	71.4	72.4	85.3
Welfare,etc.	8.6	6.9	11.4	12.9	13.9	12.1	18.1	15.2
Entertainment,etc.	7.8	8.8	7.2	9.9	11.6	10.0	9.0	9.3
Restaurants,etc.	17.9	23.1	26.9	25.4	22.4	23.2	27.3	28.1
Personal Services	17.4	15.6	13.6	16.3	16.6	14.1	12.4	15.5

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practicL uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 19.3 QUEENSLAND : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	15.7	20.1	20.0	22.7	22.7	22.1	19.5	24.7
Food,etc.	8.7	8.7	7.8	7.5	7.6	8.7	10.2	10.0
Clothing,etc	4.1	4.0	*	4.5	*	*	4.3	(a)
Paper,etc.	*	3.7	*	*	3.8	*	4.3	(a)
General Const.	5.2	7.5	6.0	4.5	*	4.3	3.8	5.2
Spec.Trade Const.	3.7	4.2	4.2	6.2	5.5	4.7	4.2	7.3
Wholesale Trade	14.6	18.6	15.1	16.8	16.3	16.3	15.3	18.0
Retail Trade	65.8	63.4	73.9	73.8	70.2	75.2	74.7	79.6
Road Transport	*	3.6	4.0	*	5.6	5.2	4.7	4.9
Communications	5.8	4.3	4.9	4.2	4.6	5.7	4.2	(a)
Finance, Invest.	10.3	8.3	9.1	12.9	12.9	10.7	14.2	15.0
Insurance,etc	4.1	*	3.8	4.0	3.3	4.6	5.1	4.1
Property,etc.	13.2	12.8	14.7	21.3	21.4	22.6	23.5	24.1
Public Admin.	9.9	10.3	9.8	11.0	9.8	10.5	12.7	13.2
Health	39.7	43.0	42.8	42.2	47.3	50.0	52.3	53.2
Education,etc.	35.3	33.3	37.5	43.5	38.9	41.1	41.5	46.5
Welfare,etc	5.5	5.5	6.9	6.3	6.9	7.4	7.9	10.4
Entertainment,etc.	7.1	6.8	7.9	7.6	7.5	7.2	7.3	5.9
Restaurants,etc.	20.2	18.4	26.4	20.6	21.5	22.1	22.3	23.3
Personal Services	8.7	8.2	6.6	6.3	9.5	7.9	9.3	9.6

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 19.4 SOUTH AUSTRALIA : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	10.1	10.2	9.7	13.3	11.4	10.9	10.8	11.7
Food,etc.	4.6	6.1	5.2	5.6	6.0	5.2	4.0	5.3
Clothing,etc.	2.7	2.8	*	*	6.7	5.2	2.7	3.9
Paper,etc.	*	*	3.2	*	*	*	3.8	3.7
Transport Equip.	2.6	*	*	*	2.7	*	2.4	2.4
General Const.	2.9	*	*	*	*	*	(a)	2.3
Spec.Trade Const.	*	*	*	*	*	2.7	2.3	(a)
Wholesale Trade	9.4	7.5	8.7	10.4	9.1	8.7	9.1	9.5
Retail Trade	37.7	40.2	39.6	40.3	38.2	37.6	36.4	39.4
Road Transport	*	2.6	*	*	*	*	(a)	(a)
Communications	2.8	3.1	3.3	*	*	2.7	(a)	2.6
Finance,Invest.	4.9	5.9	5.0	6.4	4.7	6.7	6.8	7.5
Insurance,etc.	*	2.5	*	*	2.7	*	2.9	2.3
Property,etc.	7.7	9.7	9.7	8.5	11.0	10.1	11.1	11.9
Public Admin.	6.8	5.8	6.4	5.3	5.9	4.9	6.7	7.6
Health	33.3	32.0	32.9	35.6	37.1	37.0	36.6	36.6
Education,etc	26.4	21.1	23.5	23.5	25.8	26.1	25.2	26.0
Welfare,etc	3.7	6.0	4.7	2.8	4.5	4.7	5.9	4.6
Entertainment,etc.	4.2	3.0	*	4.7	2.9	3.6	3.0	3.7
Restaurants,etc.	9.5	10.7	11.7	8.0	8.7	7.6	10.4	12.8
Personal Services	6.7	6.3	4.7	4.7	4.7	4.5	7.0	6.2

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Table 19.5 WESTERN AUSTRALIA : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	9.2	9.4	10.6	9.9	9.8	13.1	8.2	12.5
Food,etc.	4.3	4.9	3.2	4.0	3.3	4.4	4.7	3.5
Paper,etc.	*	*	*	2.8	*	*	2.5	3.2
Spec.Trade Const.	3.8	3.3	3.5	3.5	4.9	3.1	3.8	2.5
Wholesale Trade	8.2	7.0	10.4	9.3	7.4	9.4	9.1	9.5
Retail Trade	38.9	37.7	39.1	39.5	42.4	39.1	44.4	45.8
Road Transport	3.4	*	*	*	2.7	3.3	(a)	(a)
Communications	2.7	*	*	2.6	*	2.5	2.9	2.8
Finance,Invest.	6.1	7.3	6.0	8.2	7.8	8.6	10.0	9.5
Insurance,etc.	2.9	3.4	*	*	2.8	2.5	2.4	2.6
Property,etc.	8.1	8.5	11.2	12.0	12.8	12.8	14.5	16.0
Public Admin.	5.3	6.3	7.1	6.4	6.6	7.2	6.5	9.5
Health	28.2	30.8	31.4	32.6	33.5	34.0	33.8	36.4
Education,etc.	22.5	23.6	27.6	22.9	22.4	25.6	29.8	27.9
Welfare,etc.	2.6	2.8	5.1	5.2	6.8	5.2	6.2	6.0
Entertainment	2.8	3.1	4.1	3.0	4.0	3.2	3.1	4.1
Restaurants	10.8	12.5	14.2	10.9	14.5	11.3	11.3	12.5
Personal Services	4.4	5.1	3.3	6.2	4.3	6.2	4.0	6.4

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected industry are unreliable, that industry has been ommitted.

Table 19.6 TASMANIA : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture,etc.	2.3	2.3	2.5	2.8	3.0	2.0	1.7	3.6
Food,etc.	1.9	2.4	1.3'	2.0	*	2.1	1.4	2.4
Wholesale Trade	2.0	2.2	1.6	1.6	*	*	2.3	1.3
Retail Trade	11.0	13.1	11.3	10.7	10.4	10.2	9.8	12.4
Finance,Invest.	1.5	*	2.3	1.6	*	*	1.7	2.7
Property,etc.	2.2	2.4	3.5	2.1	2.2	2.5	2.2	2.3
Public Admin.	2.9	2.4	3.0	3.1	2.9	3.2	3.5	3.4
Health	9.9	10.7	9.9	10.9	11.2	10.5	10.4	11.7
Education,etc.	7.8	6.3	7.2	8.7	8.5	7.8	9.2	7.8
Welfare,etc.	*	*	*	*	*	*	*	1.3
Entertainment	*	*	*	*	*	*	*	1.2
Restaurants	3.4	4.1	4.4	4.0	3.9	4.0	4.4	4.0
Personal Services	*	2.0	1.5	1.5	*	1.5	2.0	1.7

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected industry are unavailable, that industry has been ommitted.

Table 19.7 NORTHERN TERRITORY : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Retail Trade	2.4	2.3	2.2	1.8	5.8	2.4	3.1	4.2
Public Admin.	*	*	3.6	2.4	2.1	4.2	4.0	3.2
Health	2.0	1.9	*	2.4	2.9	2.5	2.1	3.4
Education,etc	2.7	*	2.5	3.3	3.4	3.2	3.0	2.7

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected industry are unreliable, that industry has been ommitted.

Table 19.8 A.C.T. : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Retail Trade	5.4	4.8	7.1	5.7	5.7	5.3	6.2	6.7
Finance,Invest.	*	*	*	*	*	*	1.5	*
Property,etc	*	*	*	*	*	*	2.2	4.0
Public Admin.	9.3	9.1	10.2	9.9	9.6	11.3	10.3	12.0
Defence	*	*	*	*	*	*	1.7	2.0
Health	4.0	4.4	4.2	4.8	4.2	4.1	5.5	6.0
Education,etc	8.7	5.7	6.1	6.5	6.7	10.6	8.6	9.9
Welfare,etc	*	*	*	*	*	*	1.6	1.5
Entertainment	*	*	*	*	*	*	1.4	*
Restaurants,etc	*	*	2.1	*	2.3	2.5	2.2	2.1
Personal Serv.	*	2.2	*	*	*	2.2	1.5	1.7

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

Where all estimates for a selected industry are unreliable, that industry has been ommitted.

Table 19.9 AUSTRALIA : FEMALES IN SELECTED INDUSTRIES.

('000)

	1978	1979	1980	1981	1982	1983	1984	1985
Agriculture	78.5	81.7	93.4	104.6	101.0	94.1	93.8	104.1
Food,etc	51.4	50.7	47.7	49.3	46.3	49.2	52.0	54.3
Clothing,etc	59.7	57.6	58.0	54.8	52.9	54.9	57.4	56.0
Paper,etc	24.4	35.2	32.2	33.9	35.3	31.9	35.0	37.1
General Const.	22.3	*	23.6	*	*	*	(a)	26.3
Spec.Trade Const.	22.0	24.8	24.8	26.8	26.3	24.6	(a)	31.8
Wholesale Trade	96.4	102.8	105.2	115.1	105.6	101.8	105.0	113.0
Retail Trade	417.8	419.5	443.9	429.8	435.7	425.9	444.8	455.1
Road Transport	22.9	22.7	21.9	24.7	28.1	26.4	(a)	25.9
Communication	29.6	29.5	31.0	33.1	32.7	35.9	31.9	36.0
Finance,Invest.	67.0	74.5	70.7	91.4	90.7	93.4	100.8	107.2
Insurance,etc	34.7	31.8	32.6	26.2	37.3	36.2	34.7	36.1
Property,etc	118.9	111.7	125.0	135.0	144.3	144.5	159.4	163.8
Public Admin.	82.9	78.9	89.3	92.5	84.5	96.3	100.1	115.9
Health	286.4	294.7	312.0	306.4	321.8	331.9	342.8	343.5
Education,etc	240.6	234.1	263.2	258.8	259.6	265.8	284.0	286.9
Welfare,etc	26.7	31.6	41.6	45.5	50.9	51.2	60.7	61.9
Entertainment,etc.	37.0	33.6	36.2	41.3	44.1	41.3	39.0	46.9
Restaurants,etc	110.0	113.1	129.9	115.3	116.9	118.2	119.8	123.7
Personal Serv.	61.9	61.5	50.3	52.0	58.5	53.6	56.9	65.0

Note. For years prior to 1984, no distinction has been made between estimates involving less than 1% of the State employed female population and those subject to sampling variability too high for most practical uses (both have been denoted by "*"). For 1984 and subsequent years, this distinction has been denoted by "*" and "(a)" respectively.

TABLE 19A FEMALES IN SELECTED INDUSTRIES AS A PERCENTAGE (#) OF TOTAL EMPLOYMENT, BY STATE, 1985.

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	AUST
1.	2.9	4.2	6.3	5.2	5.3	5.6	*	(a)	4.2
2.	2.0	2.3	2.5	2.4	1.5	3.7	(a)	(a)	2.1
3.	(a)	1.1	(a)	(a)	(a)	(a)	(a)	(a)	(a)
4.	1.7	4.5	(a)	1.8	(a)	(a)	(a)	(a)	2.2
5.	1.4	1.9	(a)	1.7	1.4	*	(a)	*	1.5
6.	1.0	(a)	(a)	(a)	(a)	(a)	*	(a)	(a)
7.	(a)	1.5	(a)	1.1	(a)	(a)	*	(a)	(a)
8.	(a)	(a)	1.3	1.0	(a)	(a)	*	*	1.0
9.	1.2	1.3	1.8	(a)	1.1	*	*	(a)	1.2
10.	5.1	4.2	4.6	4.3	4.0	2.0	*	(a)	4.4
11.	17.6	16.5	20.1	17.7	19.4	19.1	17.8	12.5	17.8
12.	1.0	1.1	1.2	(a)	(a)	*	(a)	(a)	1.0
13.	1.8	1.4	(a)	1.2	1.2	(a)	*	(a)	1.4
14.	5.5	3.3	3.8	3.4	4.0	4.2	*	*	4.2
15.	1.9	1.3	1.0	1.0	1.1	*	*	*	1.4
16.	7.4	5.7	6.1	5.4	6.8	3.6	*	7.5	6.4
17.	3.8	4.9	3.4	3.4	4.0	5.2	13.7	22.4	4.5
18.	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.7	(a)
19.	13.0	12.1	13.5	16.4	15.4	18.0	14.3	11.1	13.4
20.	9.4	12.3	11.8	11.7	11.8	12.0	11.6	16.5	11.2
21.	2.6	2.2	2.6	2.1	2.6	2.0	(a)	2.5	2.4
22.	2.4	1.3	1.5	1.7	1.7	1.8	*	*	1.8
23.	4.5	4.1	5.9	5.7	5.3	6.2	*	4.0	4.8
24.	2.7	2.2	2.4	2.8	2.7	2.7	*	3.1	2.5

(#) The numbers on the left-hand side correspond with industry titles detailed at the beginning of Tables 19.

(a) These categories involve less than 1% of the State total employed female population for 1985.

* Subject to sampling variability too high for most practical uses.

20. SCHOOL PARTICIPATION RATIOS.*

PERSONS AGED 15-17 YEARS ATTENDING SCHOOL, BY STATE, 1978-1985.**

TABLES

Table 20.1 School Participation Ratio : Males Aged 15-17 Years

Table 20.2 School Participation Ratio : Males Aged 15-17 Years (indexed)

Table 20.3 School Participation Ratio : Females Aged 15-17 Years

Table 20.4 School Participation Ratio : Females Aged 15-17 Years (indexed)

* The percentage of a given population attending school.

** Estimates for August of each year.

Source. A.B.S. "The Labour Force, Australia." (unpublished data)

Table 20.1 MALES AGED 15-17 YEARS ATTENDING SCHOOL.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	63.1	61.8	61.2	61.9	61.5	63.7	66.5	66.9
VIC	66.2	67.6	68.2	67.5	70.4	75.0	73.0	74.3
QLD	48.6	52.0	48.7	53.3	54.8	59.3	56.7	64.1
SA	55.3	57.6	54.5	57.7	57.4	63.6	63.7	61.8
WA	52.0	50.9	51.4	54.0	53.1	58.0	57.3	57.7
TAS	49.8	48.6	55.8	60.7	54.1	55.9	60.4	60.2
NT	49.0	49.8	44.5	56.3	64.4	74.7	73.9	71.5
ACT	77.5	86.9	82.0	80.4	87.3	88.6	83.5	88.4
AUST	59.6	60.3	59.6	61.1	61.9	65.7	65.7	67.3

Table 20.2 MALES AGED 15-17 YEARS ATTENDING SCHOOL.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	97.9	97.0	98.1	97.5	101.0	105.4	106.0
VIC	100.0	102.1	103.0	102.0	106.3	113.3	110.4	112.3
QLD	100.0	107.0	100.2	109.7	112.8	122.0	116.7	132.1
SA	100.0	104.2	98.6	104 3	103.8	115.0	115.2	111.7
WA	100.0	97.9	98.8	103.8	102.1	111.5	110.3	111.1
TAS	100.0	97.6	112.0	121.9	108.6	112.2	121.1	120.9
NT	100.0	101.6	90.8	114.9	131.4	152.4	151.0	146.1
ACT	100.0	112.1	105.8	103.7	112.5	114.3	107.8	114.1
AUST	100.0	101.2	100.0	102.5	103.9	110.2	110.2	112.9

Table 20.3 FEMALES AGED 15-17 YEARS ATTENDING SCHOOL.

(Percent)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	60.7	65.2	63.3	66.1	66.6	65.3	70.4	69.1
VIC	70.8	76.8	70.0	72.4	72.7	73.5	78.7	79.3
QLD	50.7	52.6	50.3	50.1	57.5	58.5	58.3	67.2
SA	58.3	58.5	57.9	57.5	61.4	61.0	61.7	61.1
WA	51.2	53.8	60.5	55.6	53.9	57.8	63.4	58.9
TAS	62.3	55.7	50.8	64.7	57.6	51.6	68.5	66.5
NT	55.4	53.3	73.2	58.4	62.6	61.4	61.4	68.9
ACT	77.2	87.8	84.1	85.0	77.3	74.2	80.2	85.9
AUST	61.0	64.6	62.2	63.7	65.0	65.0	69.2	70.1

Table 20.4 FEMALES AGED 15-17 YEARS ATTENDING SCHOOL.

(Index : 1978 = 100)

	1978	1979	1980	1981	1982	1983	1984	1985
NSW	100.0	107.4	104.3	108.9	109.7	107.6	115.9	113.9
VIC	100.0	108.5	98.9	102.3	102.7	103.8	111.2	112.0
QLD	100.0	103.7	99.2	98.8	113.4	115.4	114.9	132.5
SA	100.0	100.3	99.3	98.6	105.3	104.6	105.8	104.8
WA	100.0	105.1	118.2	108.6	105.3	112.9	123.8	115.0
TAS	100.0	89.4	81.5	103.9	92.5	82.8	109.9	106.7
NT	100.0	96.2	132.1	105.4	113.0	110.8	110.8	124.3
ACT	100.0	113.7	108.9	110.1	100.1	96.1	104.0	111.3
AUST	100.0	105.9	102.0	104.4	106.6	106.6	113.5	114.9

21. TAFE ENROLMENTS

TAFE ENROLMENTS BY STREAM AND STATE, 1978-1984

TABLES

Table 21.1 TAFE Enrolments in Stream 1

Table 21.2 TAFE Enrolments in Stream 2

Table 21.3 TAFE Enrolments in Stream 3A

Table 21.4 TAFE Enrolments in Stream 3B

Table 21.5 TAFE Enrolments in Stream 4

Table 21.6 TAFE Enrolments in Stream 5

Table 21.7 TAFE Enrolments in Streams 1-5

Table 21.8 TAFE Enrolments in Stream 6.

(Source: Commonwealth Tertiary Education Commission, Selected TAFE Statistics.

Note: Due to the fact that TAFE enrolment statistics for 1985 were not available at the time of production of this Bulletin, it was not possible to update these tables.

TAFE ENROLMENTS - Explanatory Notes

Explanatory Notes

1. In 1981, the TAFE Annual Statistical Collection incorporated a new collection of student statistics for TAFE to replace the former collection which had operated since 1974. A key feature of the new collection methodology is its emphasis on the individual student as the unit of reporting rather than on enrolment as previously; at every level of the collection (e.g. stream, authority), any individual student is counted once only even though that student may record a number of valid and separate enrolments at that level during the year.

2. The collection draws a clear distinction also between those programs classified to the vocational and preparatory Streams of TAFE (Streams 1 to 5) and those classified to the adult education Stream (Stream 6). While data for both categories relate to net students at the various levels of reporting, the range and detail of data collected are substantially greater for Streams 1 to 5 than for Stream 6.

3. It should be noted that, as a result of the collection methodology outlined above, the total of the net number of students within each of the Streams 1 to 5 will not necessarily equal the net number of students reported within Streams 1 to 5 in aggregate because students enrolled in two or more streams will be counted once only in the latter statistic.

4. The collection methodology also precludes the net number of students in Streams 1 to 5 being added to the net number of students in Stream 6 to derive the net number of students enrolled in all TAFE programs as the resultant figure will contain multiple counting to the extent that some students undertaking a program in Streams 1 to 5 are also enrolled in a Stream 6 program during the reference year.

5. Students are defined as persons who have completed all necessary enrolment procedures for a TAFE program and who have:

(i) paid, or been exempted from payment of, any compulsory fees associated with the program of enrolment; and

(ii) attended at least one class or, in the case of external students, returned at least one assignment for marking during the reference year in one or more units of the program.

6. Stream of study

Stream 1 (Professional) - Courses/programs which lead to professional status (including teacher education) or which enable professionals to update their technology or to specialise.

Stream 2 (Para-professional) - Courses/programs provided for those preparing to enter or progress within middle-level or technician occupations. Includes a wide range of 'certificate' and some

'special' courses/programs which are similar in complexity and purpose. Includes also some short courses/programs designed to enable para-professionals to update their technology or to specialise.

Stream 3 (Trade)

(a) **Basic trade** - apprenticeship, pre-apprenticeship and pre-employment courses/programs in apprenticeable trades.

(b) **Post-trade** - post trade and other courses/programs for advanced skills of a non technician nature.

Stream 4 (Other Skilled) - All other skilled trade and vocational courses/programs relevant to basic principles, skills or knowledge but which are not included in Stream 3. Includes short training courses/programs in additional on-the-job skills.

Stream 5 (Preparatory) - All courses/programs which can be broadly described as preparatory (matriculation and diploma entrance), remedial (mathematics, English for migrants, etc.), and courses/programs with vocational orientation not classified elsewhere.

Stream 6 (Adult Education) - All courses/programs in home handicrafts, hobbies, self-expression and cultural appreciation.

6. Comparability with Previous Collections

For the reasons set out in paragraphs 1 and 3 above, a break occured in the comparability of student data collected in 1981 and data collected in previous years. For details of the changes made in 1981, reference should be made to the 1981 CTEC publication 'Selected TAFE Statistics' Explanatory Notes, paragraphs 20 to 25.

Data relating to Adult Aboriginal Education and Adult Migrant Education Courses conducted by the Education Department of Western Australia are included only in 1984 entries.

The South Australian Department of TAFE have advised that some revisions are necessary to data supplied for 1984 and 1983. The changes to 1984 data are not expected to be significant. The revised data have not been incorporated in this publication.

7. Compliance with Collection Methodology

While the new student collection methodology caused some difficulties to reporting authorities on its introduction in 1981, most of those problems were overcome in 1982. There still remain, however, inconsistencies in the way in which authorities report student data.

TAFE ENROLMENTS BY STREAM AND STATE, 1978-1984

TABLE 21.1: TAFE ENROLMENTS IN STREAM 1

	1978	1979	1980	1981	1982	1983	1984
NSW	1373	1705	1643	1221	1079	1268	1502
VIC	328	225	301	1120	1326	1640	1177
QLD	121	92	219	209	92	51	142
SA	536	473	339	354	232	136	35
WA	140	104	125	142	127	177	201
TAS	6	15	38	42	24	-	-
NT	148	8	57	49	32	-	-
ACT	26	-	12	73	59	63	244
TOTAL	2678	2622	2734	3210	2971	3335	3301

TABLE 21.2: TAFE ENROLMENTS IN STREAM 2

	1978	1979	1980	1981	1982	1983	1984
NSW	61188	64852	68206	65961	70691	100015	110607
VIC	24361	27773	31011	33319	35966	38538	37942
QLD	9727	9541	10469	12965	13505	15578	16625
SA	27750	29073	30636	31200	32099	16882	26761
WA	41393	42755	46486	38896	38380	43505	43353
TAS	3700	4243	4128	4343	4283	4406	4557
NT	771	818	789	985	973	1072	1402
ACT	2740	3626	3550	3693	4076	3956	3969
TOTAL	171630	182681	195275	191362	199973	223952	245216

TABLE 21.3 TAFE ENROLMENTS IN STREAM 3A

	1978	1979	1980	1981	1982	1983	1984
NSW	41839	45065	46691	50373	51513	47273	43122
VIC	33479	35456	35980	35101	35153	32437	30558
QLD	14397	15031	15811	17352	18869	17539	15315
SA	9691	9491	9060	9349	9555	10438	9318
WA	15140	15577	15903	13146	12295	10125	8989
TAS	4074	4061	4131	4198	3899	3392	3039
NT	504	804	740	783	1125	955	946
ACT	1710	1634	1506	1448	1559	1456	1550
TOTAL	120834	127119	129822	131750	133968	123615	112837

TABLE 21.4 TAFE ENROLMENTS IN STREAM 3B

	1978	1979	1980	1981	1982	1983	1984
NSW	10100	10502	11433	10791	12638	12472	14565
VIC	9151	9282	10503	10473	10451	11015	9922
QLD	1786	1832	1820	1767	1606	1723	2406
SA	-	-	-	-	-	-	-
WA	3864	3907	3841	3632	3701	4711	5049
TAS	767	1005	1232	982	1182	1341	1308
NT	239	268	205	271	291	264	380
ACT	547	591	707	648	688	719	714
TOTAL	26454	27387	29761	28564	30557	32245	34344

TABLE 21.5 TAFE ENROLMENTS IN STREAM 4

	1978	1979	1980	1981	1982	1983	1984
NSW	97809	101645	107707	105540	100345	89554	102018
VIC	26446	30438	37395	37679	42289	43296	48330
QLD	11586	12651	16241	19062	20671	32654	42934
SA	25327	24214	28444	23209	24972	50538	30511
WA	5444	7102	11629	12510	11894	15241	23775
TAS	4312	4286	5258	5826	5367	6007	6950
NT	1338	1449	2543	2330	3156	2074	2556
ACT	7162	6500	6875	6714	8126	9735	11833
TOTAL	179599	188384	216092	212888	216829	249099	268907

TABLE 21.6 TAFE ENROLMENTS IN STREAM 5.

	1978	1979	1980	1981	1982	1983	1984
NSW	27207	29559	30183	45738	54204	63120	75035
VIC	40719	43062	45985	45912	56297	62732	59205
QLD	10671	10299	9041	9221	9425	11656	13220
SA	25548	27919	27578	33880	38033	42984	40375
WA	8728	7962	8314	5651	4979	8220	10389
TAS	2880	2978	2297	2922	3176	3669	4312
NT	1712	1955	1858	1974	3088	4485	3066
ACT	1854	2532	2880	6168	6388	7027	8290
TOTAL	119319	126266	128136	151466	175590	203893	213892

TABLE 21.7 TAFE ENROLMENTS IN STREAMS 1 - 5.

	1978	1979	1980	1981	1982	1983	1984
NSW	239516	253328	265863	268978	278442	297204	325588
VIC	134484	146236	161175	158351	175082	182014	179265
QLD	48288	49446	53601	60576	64168	79201	90642
SA	88852	91170	96057	93279	100221	114613	101576
WA	74884	77506	86298	68541	65613	72412	82210
TAS	15739	16588	17104	17695	17204	17885	19023
NT	4712	5302	6192	6392	8463	8466	8213
ACT	14039	14883	15530	18202	20098	21675	24653
TOTAL	620514	654459	701820	692014	729291	793470	831170

TABLE 21.8 TAFE ENROLMENTS IN STREAM 6.

	1978	1979	1980	1981	1982	1983	1984
NSW	20326	21689	24592	21108	46389	68831	109564
VIC	48699	49164	57871	116050	97910	96498	115043
QLD	38722	42342	55723	59861	44780	64239	75762
SA	48485	51640	52270	44882	39676	49564	36664
WA	67675	67266	61866	51126	38498	59297	50955
TAS	20613	18280	18270	15195	14912	15831	19515
NT	4580	5247	6278	5901	7261	6445	7766
ACT	1358	1656	2457	8822	8335	8946	7858
TOTAL	250458	257284	281442	322945	297761	369651	423127

CASE STUDIES

i. PARTICIPATION IN NON-FORMAL ADULT EDUCATION

ii. UNDERSTANDING YOUR LOCAL LABOUR MARKET

i. PARTICIPATION IN NON-FORMAL ADULT EDUCATION

Australian Bureau of Statistics

In 1984, over 400,000 students undertook TAFE adult education courses (i.e. stream 6 courses) in Australia. These courses have a wide content range (including areas such as home handicrafts, hobbies and self-expression) and differ substantially from vocational courses offered by TAFE in that they do not result in a formal qualification, involve relatively few contact hours per student and use less than 10 per cent of TAFE's teaching resources. However, in terms of numbers involved, students undertaking adult education courses comprise about one-third of TAFE's total student population.

In December 1984 the Australian Bureau of Statistics conducted a household survey in South Australia to determine the characteristics of persons undertaking non-formal adult education courses and to gain an indication of the number and type of courses provided by different organisations. In this survey, a non-formal adult education course was defined as any organised course not leading to a formal qualification. Therefore it included hobby and personal interest courses, classes at community centres, sport and recreation related courses and trade union courses.

Some of the more important results of the Survey are discussed below:

1. Population data - participation by age and sex and reasons for undertaking courses.

Table 1 shows the number of persons in South Australia who undertook non-formal adult education courses in 1984. In each age group, the participation rate (the percentage of the group who undertook such courses) for females was higher than that for males. Participation rates generally declined with increasing age.

Table 2 shows the participation rates exhibited by various groups in the population. These figures suggest that a person is more likely to undertake a non-formal adult education course if he/she possesses any of the following characteristics:

- was born in Australia or overseas in an English speaking country
- is separated, divorced or has never been married
- is currently studying for a formal qualification
- has a degree or diploma
- is in the labour force.

TABLE 1 PARTICIPATION IN NON-FORMAL ADULT EDUCATION IN 1984 BY AGE GROUP

SOUTH AUSTRALIA.

Age group (years)	Undertook non-formal adult education course(s)	Total population	Participation rate
	number	number	per cent
	MALES		
15-19	7,650	57,100	13.4
20-24	6,900	57,650	12.0
25-34	11,800	109,300	10.8
35-44	7,850	90,450	8.7
45-54	3,450	66,800	5.2
55-64	4,800	68,000	7.0
65 and over	1,700	64,400	2.6
Total	44,150	513,700	8.6
	FEMALES		
15-19	10,150	55,150	18.4
20-24	15,350	57,700	26.6
25-34	27,600	108,650	25.4
35-44	20,300	90,300	22.5
45-54	12,250	66,500	18.4
55-64	8,800	69,800	12.6
65 and over	4,700	88,950	5.3
Total	99,050	537,100	18.4
	PERSONS		
15-19	17,800	112,250	15.9
20-24	22,250	115,350	19.3
25-34	39,400	218,000	18.1
35-44	28,150	180,750	15.6
45-54	15,650	133,300	11.8
55-64	13,600	137,800	9.9
65 and over	6,400	153,350	4.2
Total	143,200	1,050,800	13.6

TABLE 2 SELECTED PARTICIPATION RATES IN NON-FORMAL ADULT EDUCATION

SOUTH AUSTRALIA, 1984.

	Males	Females	Persons
	Participation rate (per cent)		
Birthplace:			
Australia	9.1	19.2	14.3
Overseas - English speaking countries	9.0	20.3	14.8
- Non-English speaking countries	5.6	11.5	8.5
Marital status:			
Married	7.0	18.0	12.4
Separated, divorced	11.3	23.6	18.7
Widowed	*	9.6	8.9
Never married	12.2	22.6	16.8
Whether studying:			
At school	14.2	20.0	17.0
Studying for post-school qualifications	13.3	28.0	19.6
Not studying	7.9	17.8	13.0
Educational qualifications:			
Degree or equivalent	20.1	36.5	25.7
Diploma or non-trade certificate	11.4	27.5	21.9
Trade certificate	9.1	21.4	10.8
Without post-school qualifications	6.7	15.8	11.9
Employment status:			
Employed	9.5	23.6	15.0
Unemployed	9.7	25.8	16.3
Not in labour force	5.6	13.8	11.3

* Subject to high sampling variability.

2. Course data

Of the 143,200 persons in South Australia who undertook non-formal adult education courses in 1984, 110,600 did only one course, 24,250 did two courses and 8,350 did three or more courses.

Table 3 shows the main reasons people gave for taking non-formal adult education courses - general interest in the topic; a desire to learn practical/manual skills; and to improve their health and fitness. Almost 30 per cent of courses taken by unemployed persons were primarily for the purpose of improving their job prospects.

TABLE 3 COURSES TAKEN IN 1984: MAIN REASON FOR TAKING COURSE, SOUTH AUSTRALIA.

	Employment status of participant			
	Employed	Unemployed	Not in labour force	Total
	Number of courses undertaken			
General interest	44,750	4,650	29,000	78,400
Improve health, fitness	27,200	2,100	11,900	41,200
Learn practical/manual skills	24,250	2,150	12,450	38,850
Improve job prospects	10,500	3,950	2,700	17,100
Other	7,700	*	3,600	11,950
Total	114,400	13,400	59,650	187,500
	Per cent			
General interest	39.1	34.7	48.6	41.8
Improve health, fitness	23.8	15.6	20.0	22.0
Learn practical/manual skills	21.2	15.9	20.9	20.7
Improve job prospects	9.2	29.4	4.5	9.1
Other	6.7	*	6.0	6.4
Total	100.0	100.0	100.0	100.0

* Subject to high sampling variability.

Of the 187,500 non-formal adult education courses taken in 1984, 40,350 were provided by TAFE; 20,450 were provided by the Workers' Educational Association (WEA); 33,250 were provided by commercial enterprises; 40,050 were provided by private tutors; and 49,200 by other agencies.

DIAGRAM 1 AGENCY PROVIDING NON-FORMAL ADULT EDUCATION SOUTH AUSTRALIA, 1984.

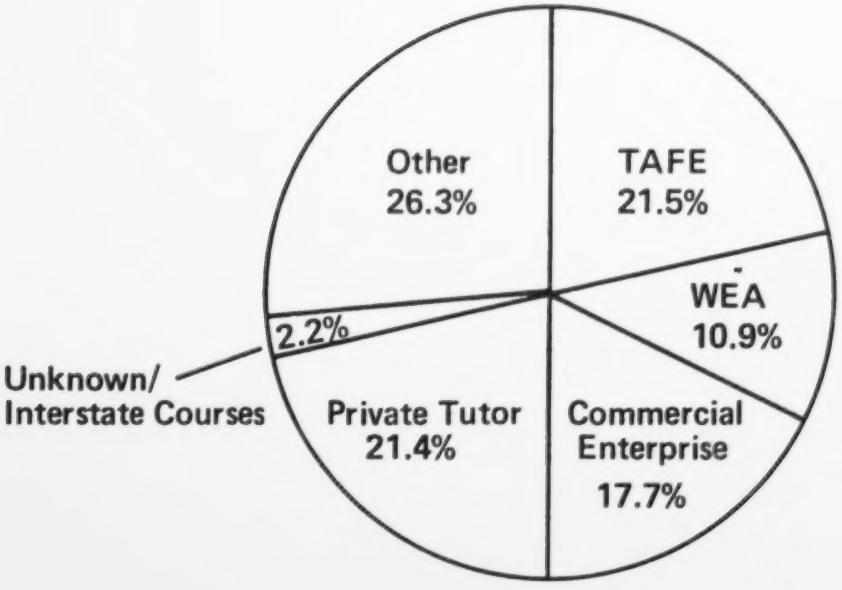

Table 4 shows the diversity in the types of courses taken with TAFE. The types of courses provided by WEA were principally 'art and craft' and 'food processing and preparation'. Commerical enterprises were primarily involved in providing courses on 'physical fitness, sport and games', while private tutors provided courses mainly in the categories 'physical fitness, sport and games', 'art and craft' and 'music'.

TABLE 4 COURSES TAKEN IN 1984: TYPE OF COURSE BY PROVIDER SOUTH AUSTRALIA.

Type of course	Course provider (a)					
	TAFE	WEA	Commercial enterprises	Private tutor	Other	Total (b)
	Number of courses undertaken					
Physical fitness, sport and games	3,000	1,400	16,150	11,950	18,050	51,900
Art and craft	6,150	3,600	4,250	11,500	6,600	32,600
Food processing and preparation	5,400	3,500	1,750	1,400	*	12,900
Music	*	*	2,600	8,100	*	12,850
Paramedical, health, counselling	*	1,250	*	*	8,200	10,950
Clothing and textiles	4,050	*	2,250	1,000	*	8,700
Languages	3,900	1,050	*	*	2,150	8,050
Drama and dancing	*	*	2,050	2,750	*	7,150
Humanities and social sciences	*	1,200	*	*	4,150	6,900
Personal and industrial services	*	*	1,500	*	1,900	4,700
Science, maths and computing	2,250	*	*	*	*	4,300
Woodwork, building	2,150	*	*	*	*	4,050
Business studies	2,350	*	*	*	*	3,700
Motor mechanics, engineering, electectronics	2,100	*	*	*	*	3,650
Office skills	2,150	*	*	*	*	3,500
Other	2,750	3,850	1,250	*	2,900	11,600
Total	40,350	20,450	33,250	40,050	29,200	187,500

* Subject to high sampling variability.

(a) Includes only courses taken in South Australia.
(b) Includes courses for which provider is unknown, and courses taken interstate by South Australian residents.

References.

ABS, Participation in Non-Formal Adult Education, South Australia, December 1984 (Cat No. 4203.4).
Commonwealth Tertiary Education Commission, TAFE Statistics 1984 (Preliminary) July 1985.

ii. UNDERSTANDING YOUR LOCAL LABOUR MARKET

R. Sweet
Policy Unit
New South Wales Department of TAFE

Even in centrally managed TAFE systems the need to understand local labour markets has increased in recent years with the growth of specific funding directed towards meeting the needs of disadvantaged groups. The need has been reinforced by the (frequently shortsighted) emphasis in many DEIR funded labour market programs on meeting local, as opposed to State or national, labour market training needs.

Many TAFE personnel involved in program planning are handicapped in their attempts to understand their local labour markets less by limitations in the information that is available (the variety and quality of which has improved significantly in recent years) than by their limited knowledge of what information is available, of how to get it, and of how to use it. This article briefly describes some of the more common sources of information on local labour markets.

WHAT IS A LOCAL LABOUR MARKET?

Like beauty, what is regarded as a "local" labour market lies very much in the eye of the beholder. It is not simply a matter of geographical location or size. It is influenced by population or labour force size, but is also affected by the historical accidents and anomalies that influence administrative boundaries. In addition to all of these factors it is influenced by the extent to which particular economic activities are concentrated in or dispersed over given geographical areas.

To illustrate some of these difficulties in defining "local", the whole of Tasmania has a population less than half of that of Western Sydney and the population of Northern Territory is less than that of Geelong in Victoria. Yet those living in Tasmania would regard the labour market of the west coast as significantly different from that of Hobart, and residents of the Northern Territory would, for many purposes, not wish to see the labour markets of Darwin and Alice Springs treated as a unit. For those living in either Albury or Wodonga the problem of defining "local" is the reverse. The twin towns straddle a State border, yet in many ways can be regarded as a single economic and educational entity.

In planning programs for groups such as the unemployed or single parents, most TAFE colleges would define their local area in terms of geographically contiguous residential areas or in terms of areas within easy transport reach of the college. Yet in planning courses for specialised college facilities in fields such as printing, plant mechanics or catering the "local" labour market might well extend to the entire metropolitan area or to the entire State.

For present purposes I have chosen, as rough rule of thumb, to regard a "local" labour market as roughly corresponding to a local government area (LGA) even though for many purposes the unit of analysis might well be substantially smaller or larger.

INFORMATION SOURCES

Before attempting to understand your local labour market it is important to have a clear understanding of the terminology, concepts and definitions used to describe the labour market as a whole. Terms such as labour force, employed, unemployed, not in the labour force, full-time and part-time employment have precise meanings, particularly when used by the Australian Bureau of Statistics (ABS), which need to be clearly understood.

ABS regularly issues brief Information Papers that are a useful starting point - for instance Information Paper: Review of ABS Employment Statistics (Cat. No.6239.0). The explanatory notes included in regular labour force publications such as The Labour Force (Cat. No.6203.0) are also a valuable source of definitions.

For those who know little about labour force statistics one of the most useful publications to be issued by ABS for some time appeared early in 1986 - A Guide to Labour Statistics (Cat. No.6120.0). This gives a comprehensive overview of the concepts, methodology and sources of ABS labour market data, and enables comparisons to be made between various ABS labour statistics series. It is a companion volume to the annual ABS publication Labour Statistics: Australia (Cat. No.6101.0). In addition to discussing ABS labour statistics in areas as diverse as employment, industrial relations and earnings it contains some very useful discussion of non-ABS sources of labour market data.

The 1981 Census

Two problems dominate the collection and presentation of local labour market data: obtaining reliable estimates when statistics are based upon a sample, and preserving the confidentiality of respondents.

The first problem is largely avoided when census data are used. Rather than having to estimate statistics from a sample, census statistics are based upon a complete count. Thus highly reliable estimates of variables such as population size and the occupational distribution of the employed population can be obtained from very small geographical areas. However this increased reliability needs to be traded off against a consequent risk of loss of confidentiality, and against a reduction in the recency of the information obtained. (It is extremely expensive and time consuming to conduct a census and process its results, even at five yearly intervals).

To preserve the confidentiality of respondents, local area information from the census is available only in a fairly aggregated form in a set of standard tables. For example you can find out how many male and female professional, technical etc. workers were in a given local area for the 1981 census, but not how many doctors, nor what the earning of particular occupational groups were.

Two primary sources of information on local areas are available from the 1981 census. These are the Local Government Area Summary File (LGASF) and the Collection District Summary File (CDSF).

Each contains a set of 34 standard statistical tables which cover population, labour force and households. A description of these tables can be found in the ABS publication Local Government Area Summary File Technical Details (Cat. No.2161.0). In the case of the LGASF the 34 tables cover every LGA in Australia. In the case of the CDSF they cover each individual census collection district, this being the area covered by an individual census collector. This area could be as small as one or two suburban residential blocks.

Accessing the information on the LGASF is fairly straight forward if you have a microfiche reader. Microfiche sets of the information available for any given LGA are readily available on request from any office of ABS.

For areas which are either smaller than an LGA, such as a postcode, or which have no standard administrative definition, such as the area within a one kilometer radius of a TAFE college, the problem of accessing 1981 census data is more complex. The information on the CDSF is available from ABS in microfiche form. However the task of manually aggregating microfiche tables from a large number of individual collection districts into larger units such as postcodes or college catchment areas is so time consuming and tedious as to daunt all but a few.

Fortunately it is possible to have the task performed electronically. A number of State governments have developed computer systems which enable the information on the 1981 CDSF to be analysed, aggregated and presented for geographical areas, capable of being user defined, which can range in size from the individual collection district to the entire State. In the case of the New South Wales government's CENSYS system trend data from the 1971 and 1976 censuses are also available for any given area.

Similar services can be purchased from several private companies such as CSA, and are available through the CSIRO's CSIRONET SIR CENSYS system. The ability of many microcomputers to log on to CSIRONET means that access to detailed local area census data is no longer in effect the privilege of those working in central business districts, but is readily available to those even in remote areas.

NON CENSUS ABS SOURCES

For some time individuals and organisations have argued that as ABS produces regular monthly labour force statistics for areas with small populations such as Tasmania and the Northern Territory, it should be possible for it to produce labour force statistics for areas within individual States that have comparable population sizes - for example Newcastle or Wollongong in New South Wales, Western Melbourne or North Queensland.

In Mid 1985 ABS responded to these criticisms by announcing the quarterly release of regional data from its monthly labour force survey. Details of

the regions for which labour force estimates will be released are contained in Information Paper: Release of Regional Labour Force Statistics (Cat. No.6262.0). Examples include the South Western Sydney Statistical Division, Hunter Statistical Division and Newcastle Statistical District, Mornington Peninsular Region, North Queensland, and Mersey-Lyall Statistical Division (Tasmania).

In many cases statistical estimates are not provided where the sampling variability is too high for most practical purposes. Subject to this constraint, regional labour force estimates are now released by ABS on a quarterly basis in considerable detail.

Regional estimates provided by ABS include employed (full-time and total), unemployed (looking for full-time work and total), and in the labour force, unemployment rate and labour force participation rate. For employed persons information is available on marital status, sex, age, birthplace, full- and part-time status, industry division and major occupation groups. For unemployed persons the available information includes marital status, age, sex, birthplace, and unemployment duration.

NON-ABS SOURCES

Commonwealth Employment Service (CES)

On a quarterly basis the CES releases, for each of its local offices, statistics on the number of people unemployed and on job vacancies. The number of unemployed persons awaiting placement is disaggregated by sex, and is available for four age groups: 15-19, 20-24, 25-44 and 45+. The number of job vacancies notified and filled during the quarter, and unfilled at the end of the quarter, is provided.

It is important to appreciate that CES and ABS estimates of unemployed persons are not directly comparable due to differences in collection methods and definition. However for many purposes it is useful to be able to compare CES offices in terms of numbers of persons of a given category registered as unemployed. It is important to realise that CES districts do not precisely correspond to ABS regions or districts but reflect the location of CES offices.

You can be placed on the mailing list for CES quarterly statistics by contacting the Manpower Analysis and Information section of the Department of Employment and Industrial Relations in your State capital city.

Department of Social Security (DSS)

Quarterly statistsics on unemployment benefit recipients are compiled by DSS, and are cross-classified by certain major characteristics such as age, birthplace and previous occupation. These are available from local offices of the DSS. However they are also released by DSS for individual postcodes, a unit of analysis which is both smaller and more precisely defined than, for instance, CES office regions.

DSS also releases, at the postcode level, information on the number of recipients of family allowances, and of age, invalid, wives, widows, and supporting parents benefits. This type of information can be extremely useful in planning re-entry programs for adult women, and in estimating child care needs.

Information on DSS postcode level statistics can be obtained from the Statistics Section, Research and Statistics Branch, of the Department of Social Security in Canberra (P.O. Box 1, Woden ACT 2606).